

CURRICULUM VITAE ET STUDIORUM

Prof. Dr. Ing. Giovanni Maria CARLOMAGNO

TITOLI DI STUDIO E CORSI DI AGGIORNAMENTO

- Laurea in Ingegneria Meccanica conseguita il 18.12.1965 presso l'Università degli Studi di Napoli con votazione finale 110/110, lode e pubblicazione della tesi
- Abilitazione all'esercizio della professione d'ingegnere conseguita nella prima sessione del 1966 con voti 120/120
- I Corso di aggiornamento sugli "Sviluppi della Tecnica Aerospaziale", Facoltà di Ingegneria, Università degli Studi di Napoli, Maggio 1966
- AGARD Lecture Series on "Fluid Control Components and Systems", Torino, September 1966
- Second Cranfield Fluidics Conference, Cambridge, England, January 1967
- AGARD Lecture Series on "Supersonic Turbomachinery", Varenna, 15-19 May 1967
- Gas Dynamics and Jet Propulsion Joint Seminars, Princeton University, N. J., USA, 1967/68
- Baetjer Colloquia, Princeton University, N. J., USA, 1968
- AGARD Lecture Series on "Introduction to Inertial Navigation", Facoltà di Ingegneria, Università degli Studi di Napoli, April 1969
- Course on "Biomechanics of Circulation and Respiration", CISM, Udine 1972
- Lecture Series on "The Computer in Experimental Fluid Dynamics", Von Karman Institute, Rhode-St-Genese, 1985

BORSE DI STUDIO E CONTRATTI DI RICERCA

- Corso sugli elaboratori elettronici presso il Centro di Istruzione IBM di Rivoltella del Garda, quale vincitore di una borsa di studio IBM, dal 17.8.1964 al 29.8.1964
- Stage estivo presso la Società per Azioni OTO MELARA di La Spezia dal 31.8.1964 al 15.9.1964
- Borsa di studio dell'OLIVETTI S.p.A. presso l'Istituto di Aerodinamica della Facoltà di Ingegneria dell'Università degli Studi di Napoli, in qualità di allievo interno, dal 1.11.1964 fino al conseguimento della laurea
- Ricercatore su contratti del C.N.R. presso l'Istituto di Aerodinamica della Facoltà di Ingegneria dell'Università degli Studi di Napoli dal 1.1.1966 al 31.10.1966
- Ricercatore a contratto del C.N.R. presso l'Istituto di Aerodinamica della Facoltà di Ingegneria dell'Università degli Studi di Napoli dal 1.11.1966 al 31.10.1967
- Research Assistant presso l'Aerospace and Mechanical Sciences Department dell'Università di Princeton, N.J., USA, dal 1.9.1967 al 30.6.1968
- Ricercatore su contratto Aerospace Research Laboratories F.33615-67C-1065 presso i Gas Dynamics Laboratories dell'Università di Princeton, N.J., USA, dal 1.7.1968 al 31.8.1968
- Borsa di studio AGARD (settembre 1968) per un soggiorno presso i laboratori di trasmissione del calore di: University of Minnesota, Stanford University, California Institute of Technology, State University of New York at Stony Brook, Yale University e Massachusetts Institute of Technology
- Research Assistant presso l'Aerospace and Mechanical Sciences Department dell'Università di Princeton, N.J., USA, dal 1.9.1968 al 31.10.1968

POSIZIONI ACCADEMICHE

- Assistente Incaricato presso la cattedra di "Gasdinamica" della Facoltà di Ingegneria dell'Università degli Studi di Napoli dal 1.2.1967 al 31.7.1967
- Assistente Ordinario, vincitore di concorso, presso la cattedra di "Gasdinamica" della Facoltà di Ingegneria dell'Università degli Studi di Napoli dal 1.8.1967 al 31.10.1982
- Professore Incaricato interno di "Fisica" presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli dal 1.11.1969 al 31.10.1973
- Professore Incaricato Stabilizzato interno di "Fisica" presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli dal 1.11.1973 al 31.10.1975
- Professore Incaricato di "Principi di Matematica e Fisica II" presso la Scuola di Specializzazione in "Tecnologie Biomediche" della Facoltà di Medicina e Chirurgia dell'Università degli Studi di Napoli negli anni accademici 1974/75, 1975/76, 1976/77, 1977/78
- Professore Incaricato Stabilizzato di "Gasdinamica" presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli dal 1.11.1975 al 31.10.1982
- Professore Associato di Gasdinamica presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli dal 01.11.1982 al 05.08.1986
- Professore Supplente di Gasdinamica presso la Facoltà di Ingegneria dell'Università degli Studi di

- Salerno negli anni accademici 1985/86, 1986/87 e 1987/88
- Professore Straordinario di Gasdinamica presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli dal 06.08.1986 al 05.08.1989
- Professore Ordinario di Gasdinamica presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli Federico II dal 06.08.1989 al 31.10.2011.
- Professore Supplente di Termofluidodinamica presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli Federico II per l'Anno Accademico 1992/93.
- Professore Supplente di Fluidodinamica I e Fluidodinamica II presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli Federico II negli Anni Accademici 1995/96, 1996/97, 1997/98, 1998/99, 1999/2000 e 2000/01.
- Professore Supplente di Fluidodinamica I presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli Federico II per l'Anno Accademico 2001/02.
- Professore supplente di Gasdinamica I presso l'Accademia Aeronautica negli Anni Accademici 2002/03, 2003/04, 2004/05, 2005/06, 2006/07, 2007/08, 22008/09 e 2009/10 e di Gasdinamica negli Anni Accademici 2009/10, 2010/11 e 2011/12.
- Professore del corso di Aerodinamica Sperimentale I presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli Federico II per l'Anno Accademico 2009/10.
- Professore a contratto di Gasdinamica presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli Federico II per gli Anni Accademici 2011/12 e 2012/13.
- Professore a contratto di Termofluidodinamica presso la Facoltà di Ingegneria dell'Università degli Studi di Napoli Federico II per l'Anno Accademico 2013/14.
- Professore emerito dell'Università degli Studi di Napoli "Federico II" (2014)

INCARICHI ACCADEMICI

- Membro eletto del Consiglio Direttivo del Centro Studi per l'Edilizia dell'Università degli Studi di Napoli, in qualità di rappresentante della Facoltà di Ingegneria dal 1980 al 1984
- Membro eletto del Consiglio di Amministrazione dell'Università degli Studi di Napoli in qualità di rappresentante dei professori stabilizzati per il biennio 1982/83
- Membro della I e III Commissione Consiliare del Consiglio di Amministrazione dell'Università degli Studi di Napoli per il biennio 1982/83
- Membro della Commissione Consultiva dell'Università degli Studi di Napoli per il Consorzio Alfa Romeo Avio-Università degli Studi di Napoli (1983/84)
- Membro del Consiglio Scientifico della Società consortile di ricerca Itronica (Università degli Studi di Napoli, Indesit, Gould) dal 1983 al 1988
- Membro della Commissione liquidazione parcelle concernenti la progettazione e alla direzione di opere del Consiglio di Amministrazione dell'Università degli Studi di Napoli dal 1983 al 1989
- Membro del Collegio dei docenti del dottorato di ricerca in "Ingegneria Aerospaziale" dell'Università degli Studi di Napoli dal 1984 a oggi
- Membro eletto del Consiglio di Amministrazione dell'Università degli Studi di Napoli in qualità di rappresentante dei professori associati per il biennio 1986/87
- Membro della I Commissione Consiliare del Consiglio di Amministrazione dell'Università degli Studi di Napoli per il biennio 1986/87
- Membro della Giunta del Dipartimento di Ingegneria Meccanica per l'Energetica dell'Università degli Studi di Napoli per il biennio 1987/89
- Rappresentante del Rettore nel Comitato Direttivo del Servizio di Automazione delle Biblioteche dell'Università degli Studi di Napoli dal 04.06.87 al 27.12.89
- Direttore del Servizio di Automazione delle Biblioteche dell'Università degli Studi di Napoli dal 05.08.1987 al 16.04.90
- Membro del Comitato Tecnico Scientifico della Convenzione tra la Regione Campania e l'Università degli Studi di Napoli sulla Formazione Professionale dal 1988 al 1990
- Membro della Giunta del Dipartimento di Energetica, Termofluidodinamica Applicata e Condizionamenti Ambientali dell'Università degli Studi di Napoli per il biennio 1989/91
- Membro del Comitato della Convenzione quadro tra la Società Italiana Vetro p.A. e l'Università degli Studi di Napoli dal 1988 al 1994
- Membro eletto della Commissione Scientifica per l'Ingegneria Industriale dell'Università degli Studi di Napoli per il biennio 1988/90

- Presidente della Commissione Scientifica per l'Ingegneria Industriale dell'Università degli Studi di Napoli per il biennio 1988/90
- Presidente del Consiglio di Corso di Laurea in Ingegneria Meccanica dell'Università degli Studi di Napoli per il triennio 1989/92
- Membro del Comitato Ordinatore della Facoltà di Ingegneria dell'Università di Siena per il triennio 1991/94
- Membro del Comitato Nazionale di Coordinamento dell'Area Meccanica dal 1991 al 1998
- Membro eletto del Consiglio di Amministrazione dell'Università degli Studi di Napoli Federico II in qualità di rappresentante dei professori ordinari per il biennio 1992/93
- Presidente della I Commissione Consiliare del Consiglio di Amministrazione dell'Università degli Studi di Napoli Federico II per il biennio 1992/93
- Membro del Comitato Direttivo del Servizio di Automazione delle Biblioteche dell'Università degli Studi di Napoli Federico II per il biennio 1992/93
- Socio corrispondente dell'Accademia Pontaniana (Classe I – Scienze Matematiche Pure e Applicate) dal 30/04/1992
- Membro eletto del Consiglio di Amministrazione dell'Università degli Studi di Napoli Federico II in qualità di rappresentante dei professori ordinari per il biennio 1994/95
- Presidente della I Commissione Consiliare del Consiglio di Amministrazione dell'Università degli Studi di Napoli Federico II per il biennio 1994/95
- Membro della Giunta del Dipartimento di Energetica, Termofluidodinamica Applicata e Condizionamenti Ambientali dell'Università degli Studi di Napoli Federico II per il biennio 1994/96
- Membro eletto della Commissione Scientifica per le Scienze dell'Ingegneria Industriale e dell'Informazione dell'Università degli Studi di Napoli Federico II per il biennio 1997/98
- Presidente del Consiglio di Corso di Laurea in Ingegneria Aerospaziale dell'Università degli Studi di Napoli Federico II per il triennio 1998/2001.
- Membro del Comitato dei Consorziati dell'Agenzia per la Ricerca e la Produzione Avanzata (ARPA) designato dall'Università di Napoli Federico II per il triennio 2001/04.
- Presidente del Consiglio di Corso di Laurea in Ingegneria Aerospaziale dell'Università degli Studi di Napoli Federico II per il triennio 2001/04.
- Membro eletto della Commissione Scientifica del Polo delle Scienze e delle Tecnologie dell'Università degli Studi di Napoli Federico II per il triennio accademico 2002/05.
- Presidente del Consiglio di Corso di Laurea in Ingegneria Aerospaziale dell'Università degli Studi di Napoli Federico II dal 2004 al 2006.
- Socio ordinario dell'Accademia Pontaniana (Classe I – Scienze Matematiche Pure e Applicate) dal 27/05/2004
- Membro del Comitato dei Consorziati dell'Agenzia per la Ricerca e la Produzione Avanzata (ARPA) designato dall'Università di Napoli Federico II per il triennio 2004/07.
- Membro del Consiglio di Amministrazione della T.E.S.T. Scarl - CRdC Trasporti in qualità di rappresentante dell'Università degli Studi di Napoli Federico II dal 2006 al 2010.
- Membro del Comitato dei Consorziati dell'Agenzia per la Ricerca e la Produzione Avanzata (ARPA) designato dall'Università di Napoli Federico II per il triennio 2007/10.
- Presidente del Consorzio Agenzia per la Ricerca e la Produzione Avanzata (ARPA) (2008/2012)

INCARICHI DIDATTICI

- Docente del "I corso di Aggiornamento in Bioingegneria" organizzato dalle Facoltà di Ingegneria e di Medicina e Chirurgia dell'Università degli Studi di Napoli, Aprile-Maggio 1970
- Docente del Corso Monografico sulla "Termoregolazione" organizzato dal Centro Internazionale di Bioingegneria di Caserta, Maggio-Luglio 1974
- Responsabile e docente del corso di "Scambio Termico" per ricercatori laureati tenuto nel 1976 presso la Società Italiana Vetro S.p.A., San Salvo (CH)
- Docente del Seminario sulle Tecnologie degli Impianti Nucleari della Facoltà di Ingegneria dell'Università degli Studi di Napoli per gli anni accademici 1981/82, 82/83 e 83/84
- Docente dei Corsi per Responsabili dell'Energia organizzati dal CESVITEC (Napoli) e dalla Camera di Commercio di Caserta (1983)
- Responsabile e docente di due corsi di 80 ore ciascuno su "Theoretical and Applied Glass Technology" tenuti presso lo stabilimento McGraw della Chrysler Co., Detroit, Michigan, tenuti nel

settembre e nel dicembre 1986

- Docente nel corso sui "Sensori per applicazioni industriali" organizzato da CRIAI e Tecnopolis CSATA, Portici (1989)
- Docente nella Lecture Series on "Measurement Techniques for Hypersonic Flows" organized by the Von Karman Institute for Fluid Dynamics, Rhode-St. Genese, Belgium (1990)
- Responsabile e docente di un corso su "Infrared Thermography" tenuto presso la Glasstech Inc., Perrysburg, Ohio (1990)
- Docente nel corso sui "Sensori: Problematiche Metrologiche e Soluzioni Tecnologiche" organizzato dall'Associazione Italiana Strumentisti e dalla Sezione Italiana della Instrument Society of America, Milano (1992)
- Responsabile e docente del corso su "Applicazioni della termografia nella misura dei coefficienti di scambio termico" tenuto presso la Alfa Romeo Avio S.p.A., Pomigliano d'Arco (1992)
- Docente nella Lecture Series on "Measurement Techniques" organized by the Von Karman Institute for Fluid Dynamics, Rhode-St-Genese, Belgium (1993)
- Docente nel corso IV Master in Tecnologia organizzato dal Consorzio QUATEC, Napoli (1994)
- Docente del corso "Thermography - Application to Fluids" of the Eurotherm Seminar No. 42 on Quantitative Infrared Thermography (QIRT 94), Sorrento, Italy (1994)
- Docente del corso "Fluidodinamica Applicata" nell'ambito del Diploma in Ingegneria Meccanica Teleimpartito dal Consorzio Nettuno negli anni accademici 1995/96, 1996/97, 1997/98, 1998/99, 1999/2000, 2000/01, 2001/02, 2002/03, 2003/04, 2004/05, 2005/06, 2006/2007, 2007/2008 e 2008/2009
- Docente del corso "Thermography - Application to Fluids" of the Eurotherm Seminar No. 50 on Quantitative Infrared Thermography(QIRT 96), Stuttgart, Germany (1996)
- Docente del corso "Thermography - Application to Fluids" of the Eurotherm Seminar No. 60 on Quantitative Infrared Thermography(QIRT 98), Lodz, Poland (1998)
- Docente del corso "Application of Thermography to Thermofluidynamics" of the Eurotherm Seminar No. 64 on Quantitative Infrared Thermography (QIRT 2000), Reims, France (2000).
- Docente del corso "Application of Thermography to Fluids" of the Seminar on Quantitative Infrared Thermography (QIRT 02), Dubrovnik, Croatia (2002)
- Docente della Quarta Scuola Estiva di Termofluidodinamica su "Termofluidodinamica Sperimentale e Tecniche di Misura" del corso "Tecniche avanzate di misura: Termografia IR" Siena, Italy (2003)
- Docente del corso "Application of Thermography to Fluids" of the Seminar on Quantitative Infrared Thermography (QIRT 04), Rhode St. Genese, Belgium (2004)
- Docente del corso "Application of Thermography to Fluids" of the Seminar on Quantitative Infrared Thermography (QIRT 06), Padova, Italy (2006)
- Docente della Settima Scuola Estiva di Termofluidodinamica sulle Tecniche Sperimentali in Termofluidodinamica del corso "Tecniche avanzate di misura: PIV, Termografia IR e Cristalli liquidi", Siena, Italy (2007)
- Docente del corso "Application of Infrared Thermography to Thermo-Fluid-Dynamics" of the 9th International Workshop on Advanced Infrared Technology and Applications, Leon, Mexico (2007)
- Docente del corso "Application of Thermography to Fluids" of the Seminar on Quantitative Infrared Thermography (QIRT 08), Krakow, Poland (2008)
- Workshop at the University of Sharjah on "IR Thermography Principles and Applications", Sharjah, UAE (2008)
- Docente della Decima Scuola Estiva di Termofluidodinamica sulle Tecniche Sperimentali in Termofluidodinamica del corso "Tecniche avanzate di misura: PIV; Termografia IR e Cristalli liquidi", Siena, Italy (2010)
- Docente del corso "Application of Thermography to Fluids" of the Seminar on Quantitative Infrared Thermography (QIRT 10), Quebec City, Quebec (2010)
- Docente del corso "Application of Thermography to Fluids" of the Seminar on Quantitative Infrared Thermography (QIRT 12), Napoli, Italy (2012)
- Professore a contratto del modulo Gasdinamica gel corso di Gasdinamica della Facoltà di Ingegneria dell'Università degli Studi di Napoli per gli anni accademici 2011/12 e 2012/13
- Professore a contratto del modulo Termofluidodinamica gel corso di Gasdinamica della Facoltà di Ingegneria dell'Università degli Studi di Napoli per l'anno accademico 2013/14
- Docente del corso "Application of Thermography to Fluids" of the Seminar on Quantitative Infrared

- Thermography (QIRT 14), Bordeaux, France (2014)
- Ciclo di seminari su “Modern research methods in convective heat transfer” presso la Ural Federal University Boris Yeltsin, Ekaterinburg, Russia, September 23/25, 2014
- Docente del corso “Thermal problems in fluid dynamics” of the Seminar on Quantitative Infrared Thermography (QIRT 16), Gdansk, Poland (2016)

INCARICHI SCIENTIFICI O DI RAPPRESENTANZA

- Membro del Consiglio Scientifico del gruppo "Fluidodinamica" del Consiglio Nazionale delle Ricerche per il triennio 1983/86
- Componente del gruppo di ricerca operante nell'ambito della Convenzione tra il Ministero della Protezione Civile, il Comune di Pozzuoli e l'Università degli Studi di Napoli (1983/87)
- Membro del Consiglio Direttivo dell'Associazione Italiana di Aeronautica ed Astronautica per il quadriennio 1987/91
- Presidente della Conferenza 23/2 del Corso di perfezionamento in "Economia dell'Affidabilità e della Qualità nei Sistemi di Produzione", Università degli Studi di Napoli (1990)
- Membro del Consiglio della Sezione di Napoli dell'Associazione Italiana di Aeronautica e di Astronautica per il quadriennio 1991/95
- Membro del Consiglio Direttivo dell'Associazione Italiana di Aeronautica e Astronautica per il quadriennio 1991/95
- Membro della General Assembly dell'ICAS (International Council of the Aeronautical Sciences) per il quadriennio 1991/1995 in qualità di rappresentante italiano
- Membro del Quantitative Infrared Thermography Working Group dal 1992 ad oggi
- Presidente della Commissione di Omologazione e Collaudo del progetto Telaer per conto dello IASM (poi IPI) dal 1992 al 2005
- Presidente della Commissione di Omologazione e Collaudo del progetto Terra del Sud per conto dello IASM (poi IPI) dal 1992 al 1999
- Presidente del Comitato Scientifico del Consorzio QUATEC tra Innovare S.r.L. e Università degli Studi di Napoli per il quadriennio 1993/97
- Chairman del Quantitative Infrared Thermography Working Group per il biennio 1993-94.
- Membro del Comitato Consultivo Scientifico della CIRA S.p.A. di Capua per il triennio 1993/96
- Membro del Consiglio Scientifico del Centro di Studio per la Dinamica dei Fluidi di Torino del C.N.R. dal 1993 al 2001
- Membro dello Scientific Council of the International Centre for Heat and Mass Transfer dal 1993 ad oggi
- Membro dell'Advisory Board del Pacific Center of Thermal-Fluids Engineering, State of Hawaii, USA dal 1994 ad oggi
- Membro del Technical Advisory Committee of the von Karman Institute for Fluid Dynamics, Rhode-Saint-Genese dal 1995 al 2016
- Membro del Consiglio Direttivo dell'Associazione Italiana di Aeronautica ed Astronautica per il quadriennio 1995/99
- Membro della General Assembly dell'ICAS (International Council of the Aeronautical Sciences) per il quadriennio 1995/99 in qualità di rappresentante italiano
- Esperto per la valutazione delle proposte di ricerca del programma INCO-COPERNICUS 1996 presso la Comunità Europea, Directorate General XII, Science Research and Development
- Membro dell'Executive Committee dell'ICAS (International Council of the Aeronautical Sciences) per il quadriennio 1996/2000
- Deputy Chairman del Technical Advisory Committee of the Von Karman Institute for Fluid Dynamics, Rhode-Saint-Genese (1996/98)
- Membro del Comitato tecnico amministrativo di cui alla L. 184/1975 del Ministero dell'Industria, Commercio, Artigianato ed attribuzioni Partecipazioni Statali dal 1997 al 2003.
- Membro del Comitato Consultivo Scientifico della CIRA S.p.A. di Capua per il triennio 1997/2000
- Presidente del Consiglio Scientifico del Centro di Studio per la Dinamica dei Fluidi di Torino del C.N.R. dal 1998 al 2001
- Chairman del Technical Advisory Committee of the Von Karman Institute for Fluid Dynamics, Rhode-Saint-Genese dal 1998 al 2000
- Membro della General Assembly dell'ICAS (International Council of the Aeronautical Sciences) per il

- quadriennio 1999/2003 in qualità di rappresentante italiano
- Membro dell'Executive Committee dell'ICAS (International Council of the Aeronautical Sciences) dal 2001 al 2004
- Deputy Chairman del Technical Advisory Committee of the Von Karman Institute for Fluid Dynamics, Rhode-Saint-Genese (2002/04)
- Membro della General Assembly dell'ICAS (International Council of the Aeronautical Sciences) per il quadriennio 2003/07 in qualità di rappresentante italiano
- Esperto per la valutazione delle proposte di ricerca del programma Bando di Ateneo per la realizzazione di progetti congiunti con Enti ed Imprese del Territorio "Joint Projects" dell'Università di Verona (2006)
- Chairman del Technical Advisory Committee of the Von Karman Institute for Fluid Dynamics, Rhode-Saint-Genese (2004/06)
- Esperto per la valutazione della totalità delle proposte di ricerca del programma Aerospazio Lazio della Direzione Generale per il Coordinamento e lo Sviluppo della Ricerca del MIUR (2006/07).
- Esperto per la valutazione delle proposte di ricerca scientifica applicata, rivolto a progetti di ricerca presentati nel settore Aeronautica e Spazio della Regione Piemonte (2005/06).
- Membro dell'Executive Committee dell'ICAS (International Council of the Aeronautical Sciences) dal 2005 al 2008
- Esperto per la valutazione delle proposte di ricerca del programma di progetti di ricerca industriale e sviluppo sperimentale della Regione Veneto (POR 112) dal 2007
- Esperto per la valutazione dello sviluppo di proposte di ricerca LAGS e GAPACOM del programma Aerospazio Lazio della Direzione Generale per il Coordinamento e lo Sviluppo della Ricerca del MIUR (2007/oggi).
- Esperto per la valutazione delle proposte di ricerca del programma dell'Accordo di Programma Quadro in materia di Ricerca Scientifica Intervento Costituzione di Reti di Laboratori Pubblici di Ricerca della Regione Puglia (2008)
- Esperto per la valutazione di progetti di ricerca industriale della Provincia autonoma di Trento (2009)
- Esperto per la valutazione delle proposte di ricerca, sviluppo, innovazione e trasferimento tecnologico della Regione Marche (2008/2009)
- Deputy Chairman del Technical Advisory Committee of the Von Karman Institute for Fluid Dynamics, Rhode-Saint-Genese (2008/10)
- Esperto per la valutazione delle proposte del programma di progetti di ricerca industriale e sviluppo sperimentale della Regione Emilia-Romagna (PRRIITT) (2009)
- Membro del COOPERATEUS (American and European Aviation Research Cooperation) Advisory Board (2010/2012)
- Chairman del Technical Advisory Committee of the Von Karman Institute for Fluid Dynamics, Rhode-Saint-Genese (2010/12)
- Membro effettivo del Collegio dei Probiviri dell'Associazione Italiana di Aeronautica e Astronautica dal 2011
- Membro onorario del board of directors dell'Associazione italiana di velocimetria laser e diagnostica non invasiva (A.I.VE.LA) dal 2011
- Esperto per la valutazione delle proposte di ricerca del programma EUROSTARS per conto del MIUR (2012)
- Esperto per la valutazione delle proposte del programma di progetti di ricerca industriale e sviluppo sperimentale per conto della Regione Sardegna (2012)
- Esperto per la valutazione delle proposte del programma di progetti di ricerca del bando "SIR 2014" del MIUR (Ministero dell'Istruzione, dell'Università e della Ricerca), (2014)
- Esperto per la valutazione del programma di ricerca HOTGAUGE del bando EUROSTARS per conto del MIUR (2014/2016)

PRESIDENZA DI CONGRESSI

- Co-chairman del Meeting/Workshop on "Energy Stability and Convection", Capri, Italy (1986)
- Chairman della 4th International Conference on "Computational Methods and Experimental Measurements" (CMEM 89), Capri, Italy (1989)
- Chairman and Co-organizer del HERMES Aerodynamics R&D Meeting on Wind Tunnels, Capua, Italy (1990)

- Chairman della 5th International Conference on "Computational Methods and Experimental Measurements" (CMEM 91), Montreal, Canada (1991)
- Co-chairman del 2nd International Workshop on "Advanced Infrared Technology and Applications" (AITA 93), Capri, Italy (1993)
- Chairman della 6th International Conference on "Computational Methods and Experimental Measurements" (CMEM 93), Siena, Italy (1993)
- Chairman della 2nd International Conference on "Quantitative Infrared Thermography", (QIRT 94), Sorrento, Italy (1994)
- Chairman della 7th International Conference on "Computational Methods and Experimental Measurements" (CMEM 95), Capri, Italy (1995)
- Co-chairman del 3rd International Workshop on "Advanced Infrared Technology and Applications" (AITA 95), Capri, Italy (1995)
- Chairman della 3rd International Conference on "Quantitative Infrared Thermography" (QIRT 96), Stuttgart, Germany (1996)
- Chairman della 8th International Conference on "Computational Methods and Experimental Measurements" (CMEM 97), Rodi, Greece (1997)
- Co-chairman del 4th International Workshop on "Advanced Infrared Technology and Applications" (AITA 97), Firenze, Italy (1997)
- Chairman del 8th International Symposium on Flow Visualization (ISFV 8), Sorrento, Italy (1998)
- Chairman della 4th International Conference on "Quantitative Infrared Thermography" (QIRT 98), Lodz, Poland (1998)
- Chairman della 9th International Conference on "Computational Methods and Experimental Measurements" (CMEM 99), Sorrento, Italy (1999)
- Co-chairman del 5th International Workshop on "Advanced Infrared Technology and Applications" (AITA 99), Venezia, Italy (1999)
- Chairman della 5th International Conference on "Quantitative Infrared Thermography" (QIRT 2000), Reims, France (2000)
- Co-chairman del 6th International Workshop on "Advanced Infrared Technology and Applications" (AITA 2001), Siena, Italy (2001)
- Chairman della 10th International Conference on "Computational Methods and Experimental Measurements" (CMEM 2001), Alicante, Spain (2001)
- Chairman della 6th International Conference on "Quantitative Infrared Thermography" (QIRT 2002), Dubrovnik, Croatia (2002)
- Co-chairman del 7th International Workshop on "Advanced Infrared Technology and Applications" (AITA 2003), Pisa, Italy (2003)
- Chairman della 11th International Conference on "Computational Methods and Experimental Measurements" (CMEM 2003), Halkidiki, Greece (2003)
- Chairman del VII Triennial International Symposium on Fluid Control, Measurement and Visualization (FLUCOME 2003), Sorrento, Italy (2003)
- Chairman della 7th International Conference on "Quantitative Infrared Thermography" (QIRT 2004), Rhode St. Genese, Belgium (2004)
- Co-chairman del 8th International Workshop on "Advanced Infrared Technology and Applications" (AITA 2005), Roma, Italy (2005)
- Chairman della 12th International Conference on "Computational Methods and Experimental Measurements" (CMEM 2005), Malta (2005)
- Chairman del Symposium on "High Performance Vehicles Design", EUROAVIA, Naples (April 2005)
- Chairman della 13th International Conference on "Computational Methods and Experimental Measurements" (CMEM 2007), Prague, Czech Republic (2007)
- Co-chairman del 9th International Workshop on "Advanced Infrared Technology and Applications" (AITA 2007), Leon, Mexico (2007)
- Chairman della 14th International Conference on "Computational Methods and Experimental Measurements" (CMEM 2009), Algarve, Portugal (2009)
- Co-chairman del 10th International Workshop on "Advanced Infrared Technology and Applications" (AITA 09), Firenze, Italy (2009)
- Chairman della 15th International Conference on "Computational Methods and Experimental

- Measurements" (CMEM 2011), Southampton, U.K. (2011)
- Co-chairman del 11th International Workshop on "Advanced Infrared Technology and Applications" (AITA 11), L'Aquila, Italy (2011)
- Chairman della 16th International Conference on "Computational Methods and Experimental Measurements" (CMEM 2013), A Coruña, Spain. (2013)
- Co-chairman del 12th International Workshop on "Advanced Infrared Technology and Applications" (AITA 13), Torino, Italy (2013)
- Chairman della 17th International Conference on "Computational Methods and Experimental Measurements" (CMEM 2015), Opatija, Croatia. (2015)
- Chairman della 18th International Conference on "Computational Methods and Experimental Measurements" (CMEM 2017), Alicante, Spain. (2017)
- Chairman della 19th International Conference on "Computational Methods and Experimental Measurements" (CMEM 2019), Seville, Spain. (2019)
- Chairman della 20th International Conference on "Computational Methods and Experimental Measurements" (CMEM 2021), Rome, Italy. (2021)
- Chairman della 21st International Conference on "Computational Methods and Experimental Measurements" (CMEM 2023), Rome, Italy. (2023)

MEMBRO DEL COMITATO ORGANIZZATORE O SCIENTIFICO DI CONGRESSI

- Member of the Organizing Committee of the II Congresso Nazionale dell'Associazione Italiana di Meccanica Teorica ed Applicata, Napoli (1974)
- Member of the Directory Board of the 5th International Symposium on Flow Visualization (ISFV 5), Prague, Czech Republic (1989)
- Member of the Scientific Committee of the X Congresso Nazionale della Associazione Italiana di Aeronautica e Astronautica, Pisa (1989)
- Member of the Scientific Committee of the 2nd International Symposium on Multiphase Flow and Heat Transfer, Xi'an, China (1989)
- Member of the Scientific Committee of the International Conference "Aerospace Research: Outlooks for the 90's", Forli' (1989)
- Member of the Comitato Scientifico of the XI Congresso Nazionale dell'Associazione Italiana di Aeronautica e di Astronautica, Forli (1991)
- Member of the International Organizing Committee of the 6th International Symposium on Flow Visualization (ISFV 6), Yokohama, Japan (1992)
- Member of the Scientific Committee of the 1st International Workshop on "Advanced Infrared Technology and Applications", Firenze, Italy (1992)
- Member of the Scientific Committee of the Eurotherm Seminar No. 27 "Quantitative Infrared Thermography", Paris, France (1992)
- Member of the Organizing Committee of the International Seminar-Exhibition "Computer Aided Design of Advanced Materials and Technologies", Tomsk, Siberia (1992)
- Member of the Seminar Committee of the International Seminar Imaging in Transport Processes organizzato dall'International Centre for Heat and Mass Transfer, Athens, Greece (1992)
- Member of the Scientific Committee of the 2nd International Workshop on Advanced Infrared Technology and Applications, Capri, Italy (1993)
- Member of the International Committee of the First International Thermal Energy Congress (ITEC-93), Marrakesh, Marocco (1993)
- Member of the Program Committee of the Dedicated Conference on Mechatronics del 26th ISATA Symposium, Aachen, Germany (1993)
- Member of the Scientific Committee of the 8th International Conference on Thermal Engineering and Thermography, Budapest, Hungary (1993)
- Corresponding Chairman of the 4th Triennial International Symposium on "Fluid Control, Measurement and Visualization" (FLUCOME '94), Toulouse '94
- Member of the International Scientific Committee of the International Conference on Fluid and Thermal Energy Conversion' 94, Bali, Indonesia (1994)
- Member of the Scientific Committee of the II International Conference on Experimental Fluid Mechanics (I.C.E.F.M. 1994), Torino, Italy (1994)
- Member of the European Scientific Committee of the Fifth International Conference of Fluid

- Mechanics (ICFM5), Cairo, Egypt (1995)
- Member of the Scientific Committee of the 9th International Conference on Thermal Engineering and Thermogrammetry, Budapest, Hungary (1995)
- Member of the International Organizing Board of the 7th International Symposium on Flow Visualization (ISFV 7), Seattle, USA (1995)
- Member of the Organizing Committee of the XII Congresso Nazionale dell'Associazione Italiana di Meccanica Teorica ed Applicata, Napoli (1995)
- Member of the Scientific Committee of the 3rd International Workshop on Advanced Infrared Technology and Applications, Capri, Italy (1995)
- Member of the International Scientific Committee of the 2nd International Thermal Energy Congress ITEC 95, Agadir (1995)
- Member of the Scientific Committee of the XIII Congresso Nazionale dell'Associazione Italiana di Aeronautica ed Astronautica, Roma (1995)
- Member of the International Scientific Committee of the 6th International Symposium on Transport Phenomena and Dynamics of Rotating Machinery, Honolulu (1996)
- Member of the Organizing Committee of the XX Congress of the International Council of Aeronautical Sciences (ICAS 96), Sorrento, Italy (1996)
- Member of the Scientific Committee of the 6th International Conference of Fluid Mechanics (ICFM 6), Cairo (1996)
- Member of the International Scientific Committee of the 3rd International Conference on "Quantitative Infrared Thermography" (QIRT 96), Stuttgart (1996)
- Member of the International Advisory Board of the Pacific Symposium on Flow Visualization and Image Processing (PSFVIP-1), Honolulu (1997)
- Member of the Scientific Committee of the 4th International Workshop on Advanced Infrared Technology and Applications, Firenze, Italy (1997)
- Member of the International Scientific Committee of the 3rd International Thermal Energy Congress ITEC 97, Kitakyushu (1997)
- Member of the Scientific Committee of the 3rd International Conference on Experimental Fluid Mechanics, Kaliningrad, Russia (1997)
- Member of the Advisory Committee of the 10th International Symposium on Transport Phenomena in Thermal Science and Process Engineering (ISTP-10), Kyoto (1997)
- Member of the Comitato Scientifico of the XIV Congresso Nazionale dell'Associazione Italiana di Aeronautica e di Astronautica, Napoli (1997)
- Member of the Scientific Committee of the V International Symposium on "Fluid Control, Measurement and Visualization" (FLUCOME 97), Hayama, Japan (1997)
- Member of the International Steering Committee of the Fifth Triennial International Symposium on Fluid Control, Measurement and Visualization (FLUCOME '97) Hayama, Japan (1997)
- Member of the International Scientific Committee of the International Symposium on Transport Phenomena and Dynamics of Rotating Machinery (ISROMAC-7) (1998)
- Member of the Advisory Board of the International Conference on Optical Technology and Image Processing in Fluid, Thermal and Combustion Flow, Yokohama, Japan (1998)
- Member of the International Scientific Committee of the 11th International Symposium on Transport Phenomena (ISTP-11), Hsinchu, Taiwan (1998)
- Member of the International Scientific Committee of the 4th International Conference on "Quantitative Infrared Thermography" (QIRT 98), Lodz, Poland (1998)
- Member of the International Organizing Committee of the 2nd Pacific Symposium on Flow Visualization and Image Processing (PSFVIP-2), Honolulu (1999)
- Member of the Scientific Committee of the 5th International Workshop on Advanced Infrared Technology and Applications, Venice, Italy (1999)
- Member of the Advisory Scientific Committee of the Euromech Colloquium n. 406 on Image Processing Methods in Applied Mechanics, Warsaw (1999)
- Member of the Scientific Committee of the XV Congresso Nazionale dell'Associazione Italiana di Aeronautica e di Astronautica, Torino (1999)
- Member of the Scientific Committee of the VI International Symposium on "Fluid Control, Measurement and Visualization" (FLUCOME 2000), Sherbrooke (Quebec) Canada (2000)
- Member of the Honorary Board of the 9th International Symposium on Flow Visualization (ISFV 9),

Edinburgh (2000)

- Member of the Scientific Committee of the Millennium Seminar on Optical Methods and Data Processing in Heat and Fluid Flow, Warwick, UK (2000)
- Member of the International Scientific Committee of the 5th International Conference on "Quantitative Infrared Thermography" (QIRT 2000), Reims, France (2000)
- Member of the International Scientific Committee of the 12th International Symposium on Transport Phenomena (ISTP-12), Istanbul, Turkey (2000)
- Member of the Scientific Committee of the 6th International Workshop on Advanced Infrared Technology and Applications, Siena, Italy (2001)
- Membro of the Scientific Committee of the 4th International Thermal Energy Congress (ITEC 2001), Cesme, Turkey (2001)
- Member of the International Advisory Committee of the 3rd Pacific Symposium on "Flow Visualization and Image Processing", (PSFVIP-3), Wailea, USA (2001)
- Member of the Scientific Committee of the "Visualization and Imaging in Transport Phenomena" (VIM 2001), Antalya, Turkey (2002)
- Member of the Honorary Board of the 10th International Symposium on Flow Visualization (ISFV 10), Kyoto, Japan (2002)
- Member of the International Scientific Committee of the 6th International Conference on "Quantitative Infrared Thermography" (QIRT 02), Dubrovnik, Croatia (2002)
- Member of the International Scientific Committee of the 13th International Symposium on Transport Phenomena (ISTP-13), Victoria BC, Canada (2002)
- Member of the Scientific Committee of the "Eurotherm Seminar n° 71", Visualization, Imaging and Data Analysis in Convective Heat and Mass Transfer, Reims, France (2002)
- Member of the International Scientific Committee of the 14th International Symposium on Transport Phenomena (ISTP-14), Bali, Indonesia (2003)
- Member of the Comitato Scientifico of the XVII Congresso Nazionale dell'Associazione Italiana di Aeronautica e di Astronautica, Roma (2003)
- Member of the International Organizing Committee of the 4th Pacific Symposium on "Flow Visualization and Image Processing", (PSFVIP-4), Chamonix, France (2003)
- Member of the Scientific Committee of the 7th International Workshop on Advanced Infrared Technology and Applications, Pisa, Italy (2003)
- Member of the Honorary Board of the 11th International Symposium on Flow Visualization (ISFV 11), Notre Dame IN, USA (2004)
- Member of the International Organizing Committee of the 15th International Symposium on Transport Phenomena (ISTP-15), Bangkok, Thailand (2004)
- Member of the QIRT Steering Committee and of the International Scientific Committee della 6th International Conference on "Quantitative Infrared Thermography" (QIRT 04), Rhode-St-Genese, Belgium (2004)
- Member of the Comitato Scientifico of the XVIII Congresso Nazionale dell'Associazione Italiana di Aeronautica e di Astronautica, Volterra (2005)
- Member of the International Advisory Committee of the 5th Pacific Symposium on "Flow Visualization and Image Processing", (PSFVIP-5), Daydream Island, Australia (2005)
- Member of the International Organizing Committee of the 16th International Symposium on Transport Phenomena (ISTP-16), Prague, Czech. Rep. (2005)
- Member of the Honorary Board of the VIII International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2005), Chengdu, China (2005)
- Member of the Scientific Committee of the 8th International Workshop on Advanced Infrared Technology and Applications, Siena, Italy (2005)
- Member of the Honorary Board of the 12th International Symposium on Flow Visualization, Gottingen, Germany (2006)
- Member of the International Organizing Committee of the 17th International Symposium on Transport Phenomena (ISTP-17), Toyama, Japan (2006)
- Member of the QIRT Steering Committee and of the International Scientific Committee della 7th International Conference on "Quantitative Infrared Thermography" (QIRT 06), Padova, Italy (2006)
- Member of the Honorary Board of the IX International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2007), Tallahassee, USA (2007)

- Member of the International Advisory Committee of the 6th Pacific Symposium on "Flow Visualization and Image Processing", (PSFVIP-6), Honolulu, USA (2007)
- Member of the International Technical Committee of the 9th International Workshop on Advanced Infrared Technology and Applications, Leon, Mexico (2007)
- Member of the Comitato Scientifico of the XIX Congresso Nazionale dell'Associazione Italiana di Aeronautica e di Astronautica, Forlì (2007)
- Member of the International Organizing Committee of the 18th International Symposium on Transport Phenomena (ISTP-18), Daejeon, Korea (2007)
- Member of the Honorary Board of the 13th International Symposium on Flow Visualization, Nice, France (2008)
- Member of the QIRT Steering Committee and of the International Scientific Committee della 8th International Conference on "Quantitative Infrared Thermography" (QIRT 08), Krakow, Poland (2008)
- Member of the International Scientific Committee of the X International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2009), Moscow (2009)
- Member of the International Advisory Committee of the 7th Pacific Symposium on "Flow Visualization and Image Processing", (PSFVIP-7), Kaohsiung, Taiwan (2009)
- Member of the International Technical Committee of the 10th International Workshop on Advanced Infrared Technology and Applications, Firenze (2009)
- Member of the Honorary Board of the X International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2009), Moscow (2009)
- Member of the International Organizing Committee of the 20th International Symposium on Transport Phenomena (ISTP-20), Victoria, Canada (2009)
- Member of the Organizing Committee of the 27^o Congress dell'International Council for Aeronautical Sciences, Nice, France (2010)
- Member of the Honorary Board of the 14th International Symposium on Flow Visualization, Korea (2010)
- Member of the Technical Program Committee of the International Symposium on Transport Phenomena and Dynamics of Rotating Machinery ISROMAC-13, Honolulu, Hawaii, April 4-9, 2010
- Member of the International Scientific Committee of the 21st International Symposium on Transport Phenomena (ISTP-21), Kaohsiung, Taiwan (2010)
- Member of the QIRT Steering Committee and of the International Scientific Committee della 8th International Conference on "Quantitative Infrared Thermography" (QIRT 10), Quebec City, Quebec (2010)
- Member of the International Scientific Committee of the XI International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2011), Keelung, Taiwan (2011)
- Member of the International Technical Committee del 11th International Workshop on "Advanced Infrared Technology and Applications" (AITA 11), L'Aquila, Italy (2011)
- Member of the International Scientific Committee of the 22nd International Symposium on Transport Phenomena (ISTP-22), Delft, The Netherlands (2011)
- Member of the International Steering Committee of the 8th Pacific Symposium on "Flow Visualization and Image Processing", (PSFVIP-8), Moscow (2011)
- Member of the Honorary Board of the XI International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2011), Keelung, Taiwan (2011)
- Member of the International Scientific Committee of the 23rd International Symposium on Transport Phenomena (ISTP-23), Auckland, New Zealand (2012)
- Member of the Scientific Committee of the XX A.I.V.E.L.A. National Meeting, Rome, 2012
- Member of the QIRT Organizing Committee of the Seminar on Quantitative Infrared Thermography (QIRT 12), Napoli, Italy (2012)
- Member of the Honorary Board of the 15th International Symposium on Flow Visualization, Minsk (2012)
- Member of the Honorary Board of the 9th Pacific Symposium on "Flow Visualization and Image Processing" (PSFVIP-9), Busan, Korea (2013)
- Member of the Scientific Committee of the XXI A.I.V.E.L.A. National Meeting, 19-20 December 2013, Florence, 2013
- Member of the International Technical Committee del 12th International Workshop on "Advanced

- Infrared Technology and Applications" (AITA 13), Torino, Italy (2013)
- Member of the Honorary Board of the XII International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2013), Nara, Japan, Nov 2013
- Member of the International Scientific Committee of the 24th International Symposium on Transport Phenomena (ISTP-24), Tokyo University of Science-Yamaguchi, Japan (2013)
- Member of the Scientific Committee of the XXII Conference of the Italian Association of Aeronautics and Astronautics (A.I.D.A.A.), Naples, Italy (2013)
- Member of the International Scientific Committee of the XII International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2013), Nara, Japan, Nov 2013
- Member of the Scientific Committee of the XXII A.I.V.E.L.A. National Meeting, 15-16 December 2014, University of Rome Tor Vergata, 2014
- Member of the Honorary Board of the 16th International Symposium on Flow Visualization, Okinawa, Japan, 24–27 June 2014
- Member of the International Advisory Committee of the 4th International Conference on Experimental Fluid Mechanics, Beijing, China, August 12-15 2014
- Member of the International Scientific Committee 12-15 of the 25th International Symposium on Transport Phenomena (ISTP-25), Aonang Villa Resort, Krabi, Thailand | (2014)
- Member of the Honorary Board of the XIII International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2015), Doha, Qatar, November 15-18 2015
- Member of the International Scientific Committee of the 1st Quantitative Infrared Thermography Asia Conference (QIRT-Asia 2015), Chennai, India, July 6-10 2015
- Member of the Scientific Committee of the XXIII A.I.V.E.L.A. National Meeting, 12-13 November 2015, Villa Capitini, Perugia, 2015
- Member of the International Scientific Committee of the XIII International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2015), Doha, Qatar, November 15-18 2015
- Member of the Honorary Board of the 10th Pacific Symposium on "Flow Visualization and Image Processing" (PSFVIP-10), Naples, Italy, June 15-18 2015
- Member of the International Scientific Committee of the 27th International Symposium on Transport Phenomena (ISTP-27), Honolulu, Hawaii, USA, September 20-23 2016
- Member of the Honorary Board of the 17th International Symposium on Flow Visualization, Gatlinburg, TN, USA, June 19 - 22 2016
- Member of the Programming Committee of the Fourth International Conference on Artificial Intelligence and Applications (AIAP-2017) Conference, Vienna, Austria, May 27-28, 2017
- Member of the Honorary Committee of the 11th Pacific Symposium on "Flow Visualization and Image Processing" (PSFVIP-11), Kumamoto, Japan, December 1st-3rd, 2017
- Member of the Honorary Board of the XIV International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2017), Notre Dame, Indiana, USA, October 8-12, 2017.
- Member of the International scientific committee of the 28th International Symposium on Transport Phenomena (ISTP-28), Peradeniya, Sri Lanka, 22-24 September, 2017
- Member of the International Scientific Committee of the 11th Pacific Symposium on "Flow Visualization and Image Processing" (PSFVIP-11), Kumamoto, Japan, December 1st-3rd, 2017
- Member of the Program Committee of the International Conference on Computer-Human Interaction Research and Applications (CHIRA 2017), Funchal, Mafeira, Portugal, October 31-November 2, 2017
- Member of the Advisory Committee of the 5th International Conference on Experimental Fluid Mechanics (ICEFM 2018), Munich, Germany, July 2-4, 2018
- Member of the International scientific committee of the 29th International Symposium on Transport Phenomena, Honolulu, Hawaii, USA | (2018)
- Member of the Honorary Board of the 18th International Symposium on Flow Visualization, Zurich, Switzerland, June 26-29 2018
- Member of the International Scientific Committee of the 29th International Symposium on Transport Phenomena (ISTP-29), Hawaiian Conv. Center, Honolulu, HI, U.S.A., October 30-November 2 2018
- Member of the Program Committee of the 2nd International Conference on Computer-Human Interaction Research and Applications (CHIRA 2018), Seville, Spain, September 2018
- Programming Committee Member of 6th International Conference on Advanced Computing (ADCO-2019) Conference and of 11th International Conference on Networks & Communications (NeCoM

- 2019), Vienna, Austria, August 24-25, 2019
- Member of the Honorary Committee of the 15th International Conference on Fluid Control, Measurements and Visualization (FLUCOME 2019), Naples, Italy, May 27-30 2019
 - Member of the Program Committee of the 15th International Conference on Fluid Control, Measurements and Visualization (FLUCOME 2019), Naples, Italy, May 27-30 2019
 - Member of the Honorary Advisory Board of the 12th Pacific Symposium on "Flow Visualization and Image Processing" (PSFVIP-12), New Taipei, Taiwan, November 19-22, 2019
 - Member of the International scientific committee of the 31st International Symposium on "Transport Phenomena" (ISTP31), Honolulu, Hawaii, October 13-16, 2020
 - Member of the International Program Committee of the 6th International Conference on Sensors and Electronic Instrumentation Advances (SEIA 2020), Porto, Portugal, Sep 23 - Sep 25, 2020
 - Programming Committee Member of the 12th International Conference on Networks & Communications (NeCoM 2020), Chennai, India, February 22 ~ 23, 2020
 - Organizing Committee Member of the 4th World Conference on Aerospace and Aeronautical Engineering, November 23-24th, 2020, Frankfurt, Germany
 - Member of the Organizing Committee of the Aerospace and Aeronautics World Forum, September 10-11, 2020, Luxembourg, Luxembourg
 - Member of the Organizing Committee of the 4th World Conference on Aerospace and Aeronautical Engineering, October 22-23 2020, Porto, Portugal
 - Member of the Honorary Board of the 19th International Symposium on Flow Visualization, Shanghai, China June 28 to 30, 2021
 - Member of the Honorary Board of the 16th International Conference on Fluid Control, Measurements, and Visualization (FLUCOME 2021), October 24–28, 2021, Beijing, China
 - Member of the International Program Committee of the 7th International Conference on Sensors and Electronic Instrumentation Advances (SEIA 2021), 22-24 Sept. 2021, Palma de Mallorca, Spain
 - Member of the International scientific committee of the 32nd International Symposium on "Transport Phenomena" (ISTP32), March 19-21, 2022, Tianjin, China
 - Member of the Organizing Committee of the 2nd Global Summit and Expo on Mechanical and Mechatronics Engineering (GSEMME2022), Edinburgh, Scotland, August 25-27, 2022
 - Member of the Honorary committee and of the International scientific committee of the 13th Pacific Symposium on Flow Visualization and Image Processing (PSFVIP13), Shinjuku, Japan, August 7th-10th, 2022
 - Member of the International scientific committee of the 8th International Conference on Sensors and Electronic Instrumentation Advances (SEIA 2022), Corfu, Greece, 21-23 September 2022
 - Member of the Honorary Board of the 20th International Symposium on Flow Visualization (ISFV 20), Delft, The Netherlands (2023)

PRESIDENZA DI SESSIONI DI CONGRESSI

- Chairman of the session "Fluidodinamica" of the II Congresso Nazionale dell'Associazione Italiana di Meccanica Teorica ed Applicata, Napoli (1974)
- Chairman of the session "Fluidodinamica" of the XXXVII Congresso Nazionale ATI, Padova (1982)
- Chairman of the session "Fluidodinamica" of the IX Congresso Nazionale dell'Associazione Italiana di Aeronautica ed Astronautica, Palermo (1987)
- Chairman of the session "Spacecraft System" of the 16th International Symposium on Space Technology and Science, Sapporo (1988)
- Cochairman of the session "Downward Deployed Tethers" of the 3rd International Conference on Tethers in Space, San Francisco (1989)
- Chairman of the session "Combustion-Engines" of the 5th International Symposium on Flow Visualization, Praga (1989)
- Chairman of the session "Fluidodinamica Sperimentale" of the X Congresso Nazionale della Associazione Italiana di Aeronautica e Astronautica, Pisa (1989)
- Chairman of the session "Heat Transfer Enhancement/Heat, Mass, Momentum Transfer" of the 2nd International Symposium on Multiphase Flow and Heat Transfer, Xi'an (1989)
- Chairman of the session "General Problems in Engineering Education" of the SEFI Annual Conference SEFITALIA 89, Napoli (1989)
- Chairman of the II session of the Congresso su "Stato del rilevamento con camere termiche nella

- banda 8-14 μ m", Firenze (1991)
- Chairman of the session "Heat Transfer" of the 5th International Conference on "Computational Methods and Experimental Measurements", Montreal (1991)
 - Chairman of the session "Fluidodinamica sperimentale" of the XI Congresso Nazionale della Associazione Italiana di Aeronautica ed Astronautica, Forli (1991)
 - Chairman of the session "Heat Transfer IV" of the 6th International Symposium on Flow Visualization, Yokohama (1992)
 - Chairman of the III session of the 1st International Workshop on "Advanced Infrared Technology and Applications", Firenze (1992)
 - Chairman of the session "Techniques (Methods and Procedures)" of the Eurotherm Seminar 27: Quantitative Infrared Thermography, Paris (1992)
 - Chairman of the session "Measurements Techniques" of the IV International Conference on Fluid Mechanics, Alexandria (1992)
 - Chairman of the session "Supersonic and Hypersonic Flows" of the "18th Congress of the International Council of Aeronautical Sciences", Pechino, China (1992)
 - Chairman of the II session of the 2nd International Workshop on "Advanced Infrared Technology and Applications", Capri (1993)
 - Cochairman of the session "Combustion I" of the First International Thermal Energy Congress (ITEC-93), Marrakesh, Marocco (1993)
 - Chairman of the session "Experimental Techniques" of the 2nd International Symposium of Engineering Turbulence Modelling and Measurements, Firenze (1993)
 - Chairman of the session "Fluidodinamica" of the XIII Congresso Nazionale dell'Associazione Italiana di Aeronautica e di Astronautica, Como (1993)
 - Cochairman of the session "Pipes, Disks and Drums" of the International Symposium on Transport Phenomena and Dynamics of Rotating Machinery, Kaanapali, Hawaii (1994)
 - Chairman of the session 2.7 of the II International Conference on Experimental Fluid Mechanics (I.C.E.F.M. 1994), Torino (1994)
 - Chairman of the session "Measurement" of the 4th International Conference on Fluid Control, Fluid Mechanics and Visualization (Flucome '94), Tolouse (1994)
 - Chairman of the session "Turbulence Modelling and Nozzle Flows" of the 19th Congress of the International Council of the Aeronautical Sciences (ICAS 94), Anhaeim (1994)
 - Co-chairman of the session "Sponsored projects" of the Fourth International Conference on Tethers in Space, Washington D.C. (1995)
 - Chairman of the session "Heat and Mass Transfer – I " of the 7th International Conference on "Computational Methods and Experimental Measurements" (CMEM 95), Capri (1995)
 - Chairman of the session " Short Presentations" of the Euromech n. 335 "Image Techniques and Analysis in Fluid Dynamics", Roma (1995)
 - Chairman of the I session of the 3rd International Workshop on "Advanced Infrared Technology and Applications", Capri (1995)
 - Chairman of the session "Thermal and Mass Transfer I" of the 7th International Symposium on Flow Visualization, Seattle (1995).
 - Chairman of the session "Meccanica dei Fluidi : Moto in condizioni particolari" of the XII Congresso di Meccanica Teorica ed Applicata (AIMETA '95), Napoli (1995).
 - Chairman of the session "Fluids" of the International Conference on "Quantitative Infrared Thermography", (QIRT 96), Stuttgart (1996)
 - Chairman della Sessione "Visualization in Heat Transfer-I" of the 1st Pacific Symposium on Flow Visualization and Image Processing (PSFVIP-1), Honolulu (1997)
 - Chairman of the session "Modelling and Measurements - I" of the 8th International Conference on "Computational Methods and Experimental Measurements" (CMEM 97), Ròdos di (1997)
 - Chairman of the sessions "Radiation a)" and "Radiation b)" of the 4th World Conference on "Experimental Heat Transfer, Fluidmechanics and Thermodynamics", Brussels (1997)
 - Chairman of the session 30 A1 of the 3rd International Thermal Energy Congress, Kitakyushu (1997)
 - Chairman of the IV session of the 4th International Workshop on "Advanced Infrared Technology and Applications", Firenze (1997)
 - Chairman of the Opening Speech of the XIV Congresso Nazionale dell'Associazione Italiana di Aeronautica e di Astronautica, Napoli (1997)

- Chairman of the session "Fluidodinamica A" of the XIV Congresso Nazionale dell'Associazione Italiana di Aeronautica e di Astronautica, Napoli (1997)
- Chairman of the McCarthy Award Selection Session of the "21st Congress of the International Council of the Aeronautical Sciences", Melbourne (1998)
- Chairman of the session "Laser Velocimetry" of the VSJ-SPIE International Conference on "Optical Technology and Image Processing in Fluid, Thermal and Combustion Flow", Yokohama (1998)
- Chairman of the session "S5.K3" of the European Mechanics Colloquium Euromech. 406 on "Image Processing Methods in Applied Mechanics", Warsaw (1999)
- Chairman of the session "Experimental Versus Analytical or Numerical Results" of the 9th International Conference on "Computational Methods and Experimental Measurements" (CMEM 99), Sorrento (1999).
- Chairman of the session "Material Characterization Through Numerical Models and Experiments" of the 9th International Conference on "Computational Methods and Experimental Measurements" (CMEM 99), Sorrento (1999).
- Chairman of the session "Thermofluidynamics" of the 5th International Workshop on "Advanced Infrared Technology and Applications", Venezia (1999).
- Chairman of the session "Fluidodinamica I" of the XV Congresso Nazionale dell'Associazione Nazionale di Aeronautica e di Astronautica, Torino (1999)
- Chairman of the session "Fluidodinamica IV" of the XV Congresso Nazionale dell'Associazione Nazionale di Aeronautica e di Astronautica, Torino (1999)
- Chairman of the session "Fluid Mechanics" of the Eurotherm Seminar No. 64 on Quantitative Infrared Thermography, Reims (2000).
- Chairman of the McCarthy Award Selection Session of the "22nd Congress of the International Council of the Aeronautical Sciences", Harrowgate, UK (2000)
- Chairman of the session "Thermography I" of the Millennium 9th International Symposium on Flow Visualization, Edinburgh, UK (2000)
- Chairman of the session "Flow Visualization 3" of the 6th International Conference on Fluid Control, Fluid Mechanics and Visualization (Flucome 2000) Sheerbrooke, Canada (2000)
- Chairman of the session "Fluidodinamica I" of the XVI Congresso Nazionale dell'Associazione Nazionale di Aeronautica e di Astronautica, Palermo (2001)
- Chairman of the session "Application to Fluid Dynamics" of the 6th International Workshop on "Advanced InfraRed Technology and Applications", Siena, Italy (2001)
- Chairman of the session "Heat Transfer I" of the 10th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2001), Alicante, Spain (2001)
- Chairman of the session "Limitation of Current Propulsion Techniques" of the 8th Int. Workshop on Computation and Propulsion "Rocket Propulsion: Present and Future", Pozzuoli, Italy (2002)
- Chairman of the Keynote Lecture 4 of the Eurotherm No. 71 on Visualization, Imaging and Data Analysis in Convective Heat and Mass Transfer, Reims (2002)
- Chairman of the session "PIV III" at SEIKEN Symposium on "Particle Image Velocimetry", Tokyo, Japan (2002)
- Chairman of the session "Interferometry" of the 10th International Symposium on Flow Visualization, Kyoto, Japan (2002)
- Chairman of the McCarthy Award Selection Session of the "23rd Congress of the International Council of the Aeronautical Sciences", Harrowgate, U.K: (2002)
- Chairman of the session "Advanced Sensors" of the 7th International Workshop on "Advanced InfraRed Technology and Applications", Pisa, Italy (2003)
- Chairman of the session "Fluid Dynamics" of the 7th International Workshop on "Advanced InfraRed Technology and Applications", Pisa, Italy (2003)
- Chairman of the session "Fluid Dynamics II" of the 11th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2003), Halkidiki, Grece (2003)
- Chairman of the session "Fluidodinamica I" of the XVII Congresso Nazionale dell'Associazione Italiana di Aeronautica e di Astronautica, Roma (2003)
- Chairman of the session "Thermography I" of the 11th International Symposium on Flow Visualization, Notre Dame, USA (2004)
- Chairman of the McCarthy Award Selection Session of the "24th Congress of the International Council of the Aeronautical Sciences", Yokohama, Japan (2004)

- Chairman of the session "Application to Fluid Dynamics" of the 8th International Workshop on "Advanced InfraRed Technology and Applications", Siena, Italy (2005)
- Chairman of the session "Heat Transfer" della 12th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2005), Malta (2005)
- Chairman of the McCarthy Award Selection Session of the "25th Congress of the International Council of the Aeronautical Sciences", Hamburg, Germany (2006)
- Chairman of the session "Fluid Dynamics" alla 8th International Conference on "Quantitative Infrared Thermography" (QIRT 06), Dubrovnik, Croatia (2006)
- Chairman of the session Leonardo da Vinci Memorial Lecture of the 12th International Symposium on Flow Visualization, Goettingen, Germany (2006)
- Chairman of the session "Fluid Dynamics" of the 9th International Workshop on Advanced Infrared Technology and Applications, Leon, Mexico (2007)
- Chairman of the session "Fluid Dynamics I" of the IX International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2007), Tallahassee, USA (2007)
- Chairman of the session "Heat Transfer I" of the 13th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2007), Prague (2007)
- Chairman of the session "Aeronautics and Space I" of the 13th International Symposium on Flow Visualization, Nice, France (2008)
- Chairman of the McCarthy Award Selection Session of the "26th Congress of the International Council of the Aeronautical Sciences", Anchorage, Alaska, (2008)
- Chairman of the session "Fluid Dynamics I" of the 9th International Conference on "Quantitative Infrared Thermography" (QIRT 08), Krakow, Poland (2008)
- Chairman of the session "Computational and Experimental Methods (II)" of the 14th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2009), Algarve, Portugal (2009)
- Chairman of the session "Experimental and Computational Analysis" of the 14th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2009), Algarve, Portugal (2009)
- Chairman of the session "Fluid dynamics" of the 10th International Workshop on "Advanced Infrared Technology and Applications" (AITA 09), Firenze, Italy (2009)
- Chairman of the session "Fluid Dynamics & Energetics" of the 10th International Conference on "Quantitative Infrared Thermography" (QIRT 10), Quebec City, Quebec (2010)
- Chairman of the McCarthy Award Selection Session of the "27th Congress of the International Council of the Aeronautical Sciences", Nice, France, (2010)
- Chairman of the session "Experimental Analysis of Vortex Flow II" of the 5th International Conference on Vortex Flows and Vortex Models (ICVFM2010), Caserta, Italy (2010)
- Chairman of the session "Computational Methods and Experimental Measurements II" of the 15th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2011), Lindhurst, UK (2011)
- Chairman of the session "Advanced Sensors" of the 11th International Workshop on "Advanced Infrared Technology and Applications" (AITA 11), L'Aquila, Italy (2011)
- Chairman of the session "Experimental Setup in Aerodynamics" of the 3rd International Conference of the European Aerospace Societies (CEAS)/XXI Italian Association of Aeronautics and Astronautic Congress (AIDAA), Venice, (2011)
- Chairman of the Invited lecture of prof. Gad Hetsroni of the Quantitative Infrared Thermography (QIRT 12) Conference, Napoli, Italy (2012)
- Chairman of the First session del XX Convegno Nazionale A.I.V.E.L.A., December 19-20 (2012) INSEAN, Rome, Italy
- Chairman of the session "Fluid flow" of the 16th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2013), A Coruña, Spain (2013)
- Chairman of the session "Heat and mass transfer II" of the 10th Pacific Symposium on "Flow Visualization and Image Processing" (PSFVIP-10), Naples, Italy (2015)
- Chairman of the session "Reactive flows/Combustion I" of the 10th Pacific Symposium on "Flow Visualization and Image Processing" (PSFVIP-10), Naples, Italy (2015)

- Chairman of the session “Advances in computational methods” of the 17th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2015), Opatija, Croatia (2015)
- Chairman of the session “Computer modelling III” of the 17th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2015), Opatija, Croatia (2015)
- Chairman of the session “Experimental measurements and numerical modelling” of the 18th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2017), Alicante, Spain (2017)
- Chairman of Session 1 of the 19th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2019), Seville, Spain (2019)
- Chairman of Session Q&A of the 20th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2021),

MEMORIE A INVITO E SEMINARI

- Invited Seminar at the Aerospace and Mechanical Engineering Department of the Princeton University, USA (1981)
- Invited Seminar at the Institut für Strömungslehre della Universität Gesamthochschule Essen, Essen, Germania (1985)
- Invited Plenary Lecture at the 4° Congresso Nazionale of the Unione Italiana di Termofluidodinamica, Genova (1986)
- Invited Seminar at the Luikov Heat and Mass Transfer Institute, of the BSSR Academy of Sciences, Minsk (1988)
- Invited Seminar at the Instytut Techniki Lotniczej I Mechaniki Stosowanej of Politecnico di Varsavia, Varsavia (1990)
- Keynote Plenary Lecture at the 6th International Symposium on Flow Visualization, Yokohama (1992)
- Invited Lecture at the Advanced Research Workshop "New Trends in Instrumentation for Hypersonic Research" organized by ONERA, DLR, NASA e VKI, Le Fauga-Mauzac, Francia (1992)
- Keynote Plenary Lecture at the International Seminar "Imaging in Transport Processes" organized by the International Centre for Heat and Mass Transfer, Athens (1992)
- Invited Seminar on Infrared Thermography for Fluid Dynamic Applications delivered at the Chinese Academy of Sciences, Beijing (1992)
- Invited Seminar at the "I seminari di Energetica" organized by the Dipartimento di Energetica of Politecnico di Milano (november 1992)
- Keynote Plenary Lecture at the Euromech Colloquium n.309 "Optical Flow Diagnostics", Göttingen (1993)
- Invited Paper at the Second International Conference on "Experimental Fluid Mechanics" (I.C.E.F.M. 1994), Torino (1994)
- Invited Seminar at the "I Seminari di Ingegneria Chimica" organized by the Istituto di Ricerca sulla Combustione del CNR, Dipartimento di Ingegneria Chimica e Dottorato di Ricerca in Ingegneria Chimica of the Università degli Studi di Napoli Federico II (1995)
- Invited Plenary Lecture at the Euromech n. 335 "Image Techniques and Analysis in Fluid Dynamics", Roma (1995)
- Invited Plenary Lecture at the 3rd International Workshop on "Advanced Infrared Technology and Applications", Capri (1995)
- Keynote Plenary Lecture at the 2nd European Thermal-Sciences Conference, Roma (1996)
- Keynote Plenary Lecture at the Seminar on "Optical Methods and Data Processing in Heat and Fluid Flow", London (1996)
- Invited Plenary Lecture at the "III National Conference on IR Thermography and Thermometry (TTP'96), Warsaw (1996)
- Keynote Plenary Lecture at the 4th World Conference on Experimental Heat Transfer, Fluidmechanics and Thermodynamics, Brussels (1997)
- Keynote Plenary Lecture at the First Pacific Symposium on Flow Visualization and Image Processing (PSFVIP-1), Honolulu (1997)
- Keynote Plenary Lecture at the 8th International Conference on "Computational Methods and Experimental Measurements", Rodi (1997)
- Invited Lecture at the 3rd Thermal Energy Congress, ITEC 97, Kitakyushu (1997)

- Invited Seminar at the Tokyo University of Agriculture and Technology, Japan (1997)
- Invited Seminar at the Institute of Industrial Science of Tokyo University, Japan (1997)
- Invited Seminar at the Sagami Factory della Asahi Glass Co. Ltd., Japan (1997)
- Invited Seminar at the Glasstech Inc., Perrysburg (OH), USA (1997)
- Invited Plenary Lecture at the 4th International Workshop on "Advanced Infrared Technology and Applications", Firenze (1997)
- Keynote Plenary Lecture at the International Conference on "Optical Technology and Image Processing in Fluid, Thermal and Combustion Flow", Yokohama, Japan (1998)
- Invited Seminar at the Sagami Factory of Asahi Glass Co. Ltd., Japan (1998)
- Invited Plenary Lecture at the Euromech Colloquium n. 406 on "Image Processing Methods in Applied Mechanics", Warsaw (1999).
- Invited Seminar at the Tokai University, Hiratsuka, Kanagawa, Japan (1999)
- Invited Seminar at the Railway Technical Research Institute, Kokobunji, Japan (1999)
- Invited Seminar at the Saitama University, Urawa, Japan (1999)
- Invited Seminar at the Fukui University, Fukui, Japan (1999)
- Invited Seminar at the Mitsubishi Heavy Industries Ltd., Takasago, Japan (1999)
- Invited Seminar at the Kyushu University, Fukuoka, Japan (1999)
- Invited Seminar at the National Aerospace Laboratories, Chofu, Japan (1999)
- Invited Seminar at the Utsunomiya University, Utsunomiya, Japan (1999)
- Invited Seminar at the Keio University, Hiyoshi, Japan (1999)
- Invited Seminar at the Tokyo University of Agriculture and Technology, Koganei, Japan (1999)
- Invited Seminar at the Tokyo Denki University, Chiyo-ku, Japan (1999)
- Invited Seminar at the Tottori University, Tottori, Japan (1999)
- Invited Plenary Lecture at the 5th International Workshop on "Advanced Infrared Technology and Applications", Venezia (1999)
- Opening Plenary Lecture at the 9th International Conference on "Computational Methods and Experimental Measurements", (CMEM 1999), Sorrento
- Leonardo da Vinci Memorial Plenary Lecture at the Millennium 9th International Symposium on Flow Visualization, Edinburgh, UK (2000)
- Invited Lecture on Flow visualization at the Ceremony in honour of prof. Wolfgang Merzkirch for his retirement, Essen, Germany, September 29 2000
- Opening Plenary Lecture at the 10th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2001), Alicante, Spain
- Invited Lecture at the XXIII Thermosense, Orlando, USA (2001)
- Invited Plenary Lecture at the 6th International Workshop on "Advanced Infrared Technology and Applications", Siena (2001)
- Keynote Lecture at the Int. Symp. On Visualization and Imaging in Transport Phenomena, Antalya, Turkey (2001)
- Invited Plenary Lecture at the 6th Asian Symposium on Visualization (ASV6), Pusan, Korea (2001)
- Invited Lecture at the International Symposium on "Visualization and Imaging in Transport Phenomena", (VIM 2001), Antalya, Turkey (2001)
- Invited Plenary Lecture at the SEIKEN Symposium on Particle Image Velocimetry, Tokyo, Japan (2002)
- Invited Lecture at the Eurotherm Seminar n. 71 on "Visualization, Imaging and Data Analysis in Convective Heat and Mass Transfer", Reims, France (2002)
- Invited Plenary Lecture at the Polish National Conference on "Thermography and Thermometry" as Honor Guest, Ustron, Poland (2002)
- Invited Seminar at the Tokai University, Hiratsuka, Japan (2002)
- Invited Lecture at the Japan Korea Computer Graphics Conference (JKCGC 2002), Kanazawa, Japan (2002)
- Opening Plenary Lecture at the 11th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2003), Halkidiki, Greece
- Invited Plenary Lecture at the 7th International Workshop on "Advanced Infrared Technology and Applications", Pisa (2003)
- Invited Lecture at the IV International Symposium on Polimer Surface Modification, Orlando, USA (2003)

- Invited Plenary Lecture at the International Symposium on Colour and Design in the Natural and Engineering Worlds, Linnean Society, London (2003)
- Invited Plenary Lecture at the 11th Int. Symp. on Flow Visualization, Notre Dame IN, USA (2004)
- Invited Seminar at the Tokyo Denki University, Chiyo-ku, Japan (2004)
- Opening Plenary Lecture at the 12th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2005), Malta
- Invited Lecture at the 8th International Workshop on "Advanced Infrared Technology and Applications", Roma (2005)
- Invited Lecture at the II Giornata di Studio su Tecniche Ottiche e Termografiche in Termofluidodinamica, L'Aquila (2005)
- Opening Plenary Lecture at the 13th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2007), Prague, Czech Republic (2007)
- Invited Plenary Lecture at the 9th International Workshop on "Advanced Infrared Technology and Applications", Leon, Mexico (2007)
- Invited Workshop at the University of Sharjah on "IR Thermography Principles and Applications", Sharjah, UAE (2008)
- Invited Lecture at the 10th International Workshop on "Advanced Infrared Technology and Applications", Firenze (2009)
- Opening Plenary Lecture at the 14th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2009), Carvoeiro, Portugal (2009)
- Invited Seminar at the Fachgebiet Stromungslehre und Aerodynamik, University of Darmstadt, Germany (2011)
- Invited Seminar at the Institut für Thermodynamik der Luft- und Raumfahrt, University of Stuttgart, Germany (2011)
- Opening Plenary Lecture at the 15th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2011), Lindhurst, UK (2011)
- Invited Plenary Lecture at the 11th International Workshop on "Advanced Infrared Technology and Applications", L'Aquila (2011)
- Invited Lecture at the Academic Session in Memory of Theodore von Kármán held on the 50th Anniversary of his Death 1963-2013, Palais des Académies, Brussels, Belgium, Tuesday, 7th May 2013
- Opening Plenary Lecture at the 16th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2013), A Coruña, Spain (2013)
- Keynote Lecture at the XXII Conference of the Italian Association of Aeronautics and Astronautics (A.I.D.A.A.), Naples, Italy (2013)
- Invited Lecture at the Int. Sci. Conf. Infrared Thermography and Thermometry, Metrological Assurance of Measurement and Testing, as Honor Guest, Lviv, Ukraine (2013)
- Invited Lecture at the XII International Symposium on "Fluid Control, Measurement and Visualization", (FLUCOME 2013), Nara, Japan (2013)
- Lecture Series on "Modern research methods in convective heat transfer" at the Ural Federal University Boris Yeltsin (prof. B. P. Zhilkin), Ekaterinburg, Russia, September 23/25, 2014.
- Opening Plenary Lecture at the 17th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2015), Opatija, Croatia (2015)
- Keynote Lecture at the Quantitative Infrared Thermography Congress (QIRT 16), Dansk, Poland (2016)
- Invited Lecture at the course of Energetica, Università degli Studi di Salerno, Salerno (2017)
- Seminario al corso di Energetica dell'Università degli Studi di Salerno, 14 dicembre 2018
- Opening Plenary Lecture at the 19th International Conference on "Computational Methods and Experimental Measurements", (CMEM 2019), Seville, Spain, June 2019
- Invited Plenary Lecture at XXVII A.I.V.E.L.A. National Meeting, Napoli, Italy, 30-31 October 2019
- Seminario al corso di Energetica dell'Università degli Studi di Salerno, 17 dicembre 2019
- Keynote Plenary Lecture at the 15th Quantitative InfraRed Thermography Conference (QIRT2020), Porto (Portugal), 6- 10th of July 2020

SOGGIORNI ALL'ESTERO

- Research Assistant at the Aerospace and Mechanical Sciences Department of Princeton University

from 01.09.1967 to 31.10.1968

- Visiting professor at the Instytut Techniki Lotniczej I Mechaniki Stosowanej of Warszawa Politechnic (December 1987)
- Visiting professor at the Luikov Heat and Mass Transfer Institute, of the BSSR Academy of Sciences, Minsk,(September 1988)
- Visiting professor at the Instytut Techniki Lotniczej I Mechaniki Stosowanej of the Warszawa Politechnic (February 1990)
- Visiting professor at the Luikov Heat Mass Transfer Institute, Minsk, of the BSSR Academy of Sciences and Institute of Polymer Mechanics, Riga, of the Latvian SSR Academy of Sciences (April 1990)
- Fellow of the Japan Society for the Promotion of Science as a Visiting Professor at the Institute of Industrial Science of University of Tokyo (July – September 1999)

PUBBLICAZIONI

Autore di circa 450 pubblicazioni riguardanti principalmente: Aerodinamica ipersonica, Gasdinamica, Emodinamica, Trasmissione del calore, Fluidodinamica dei mezzi non-newtoniani, Fluidica, Tecniche di misura in termofluidodinamica, Applicazioni dei satelliti tethered, Termografia quantitativa all'infrarosso, Controlli non distruttivi.

BREVETTI

Autore, o coautore, di numerosi brevetti di invenzione industriale riguardanti: Soffiaggio di ossigeno con modalità stazionarie ed instazionarie nei convertitori LD, Tubiere vento di altoforno, Recupero di energia e agglomerazione di fuliggine nei motori diesel, Interferometria a raggio di riferimento, Sostentamento di lastre di vetro ad alta temperatura con cuscinio d'aria, Aspirazione di fluidi, Scaletta a tarozzi, Deviatori di fibre ad effetto Coanda, Forni per la produzione di vetrate temperate per autovetture, Soffianti per la tempera di vetri per autovetture, Apparato per la laminazione di celle solari. Correzione di bagni ceramici per microfusione.

Espacenet

Result list

18 results found in the Worldwide database for: **txt = carlomagno and txt = giovanni** using Smart search

1. INTEGRATED SYSTEM FOR THE AUTOMATIC CORRECTION OF THE VISCOSITY OF A CERAMIC MIXTURE FOR A LOST WAX CASTING PROCESS					
Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
CARLOMAGNO GIOVANNI MARIA [IT] NATALE CORRADO (+1)	EUROPEA MICROFUSIONI AEROSPAZIALI S P A [IT]	<u>B01F15/00246</u> <u>B01F15/00285</u> <u>B01F15/0408</u> (+7)	B01F15/00 B01F9/00 B01F9/10 (+7)	WO2018104979 (A1) 2018-06-14	2016-12-07
2. PILOT BOAT WITH PROTRUDING PLATFORMS FOR AN EASIER BOARDING OF A SHIP					
Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
CARLOMAGNO GIOVANNI MARIA [IT] AMBROSIO SERGIO (+2)	AIELLO FRANCESCO [IT]	<u>B63B21/00</u> <u>B63B27/00</u> <u>B63B35/00</u> (+1)	B63B21/00 B63B27/00 B63B35/00 (+1)	PL3030482 (T3) 2018-04-30	2014-03-12
3. MULTI-STAGE LAMINATING APPARATUS USING LAMINATING PALLETS AND CORRESPONDING METHOD					

Inventor: CARLOMAGNO GIOVANNI MARIA [IT] DE LEONIBUS VITTORE (+1)	Applicant: TEKNISOLAR LTD [GB] CARLOMAGNO GIOVANNI MARIA [IT] (+2)	CPC: <u>B30B5/02</u> <u>B30B7/02</u> <u>B32B2038/1891</u> (+7)	IPC: B30B5/02 B30B7/02 B32B37/06 (+2)	Publication info: WO2011076451 (A1) 2011-06-30	Priority date: 2009- 12-21
4. <u>TEMPERING BENT GLASS SHEETS</u>					
Inventor: CARLOMAGNO GIOVANNI MARIA [IT]	Applicant: PILKINGTON GROUP LTD [GB]	CPC: <u>C03B27/0404</u> <u>C03B27/0408</u> <u>C03B27/0445</u>	IPC: C03B27/044 C03B27/048	Publication info: HUE026923 (T2) 2016-07-28	Priority date: 2003- 03-28
5. <u>RUNG FOR PILOT LADDER</u>					
Inventor: AIELLO FRANCESCO [IT] CARLOMAGNO GIOVANNI MARIA [IT]	Applicant: AIELLO FRANCESCO [IT] CARLOMAGNO GIOVANNI MARIA [IT]	CPC: <u>B63B27/14</u>	IPC: B63B27/14	Publication info: ITNA990006 (U1) 1999-04-28 IT247978 (Y1) 2002-12-09	Priority date: 1999- 01-28
6. <u>DISPOSITIVO PER LA DEVIAZIONE DI UN GETTO FLUIDO USCENTE DA UN UGELLO.</u>					
Inventor: BONETTI PAOLO CARLOMAGNO GIOVANNI MARIA (+2)	Applicant: S I M A SOC IND MECCANICHE AFF [IT]	CPC:	IPC: D04H	Publication info: ITGE980085 (A1) 2000-04-21 IT1304383 (B1) 2001-03-15	Priority date: 1998- 10-21
7. <u>SCALETTA A TAROZZI MODIFICATA.</u>					
Inventor: AIELLO FRANCESCO, CARLOMAGNO GIOVANNI MARIA	Applicant: AIELLO FRANCESCO CARLOMAGNO GIOVANNI MARIA [IT]	CPC:	IPC: B63B	Publication info: ITNA960020 (U1) 1996-06-19 IT241691 (Y1) 2001-05-17	Priority date: 1996- 03-21
8. <u>SOFFIANTI PER LA TEMPERA DI LASTRE DI VETRO REALIZZATE MEDIANTE PIU' SETTORI TRA LORO DISACCOPPIATI</u>					
Inventor: CARLOMAGNO GIOVANNI MARIA [IT]	Applicant: CARLOMAGNO GIOVANNI MARIA [IT]	CPC:	IPC:	Publication info: ITNA930008 (A1) 1994-10-03	Priority date: 1993- 04-01
9. <u>APPARATUS FOR THE MANUFACTURE OF SHEETS OF GLASS HAVING A COMPLEX SHAPE</u>					
Inventor: CARLOMAGNO GIOVANNI [IT] CAICO VINCENZO [IT] (+1)	Applicant: SIV SOC ITALIANA VETRO [IT]	CPC: <u>C03B2225/02</u> <u>C03B23/03</u> <u>C03B23/0357</u> (+3)	IPC: B60J1/00 C03B23/03 C03B23/035 (+6)	Publication info: US5330549 (A) 1994-07-19	Priority date: 1991- 07-10
10. <u>DEVICE FOR ASPIRATION OF FLUIDS BY USING OTHER FLUIDS</u>					
Inventor: CARLOMAGNO GIOVANNI MARIA [IT]	Applicant: CARLOMAGNO GIOVANNI MARIA [IT]	CPC:	IPC: F04B (IPC1-7): F04B	Publication info: IT9040435 (A1) 1992-02-07 IT1242270 (B) 1994-03-03	Priority date: 1990- 08-06
11. <u>PROCESS FOR APPLYING FORCES TO GLASS SHEETS, IN PARTICULAR AT A HIGH</u>					

<u>TEMPERATURE</u>					
Inventor: CARLOMAGNO GIOVANNI M [IT]	Applicant: CARLOMAGNO GIOVANNI M [IT]	CPC: <u>B65G2249/045</u> <u>B65G47/911</u> <u>C03B2225/02</u> (+4)	IPC: B65G47/91 C03B23/035 C03B27/044 (+3)	Publication info: US4921520 (A) 1990-05-01	Priority date: 1987- 02-03
12. <u>VERFAHREN UND VORRICHTUNG ZUR ANWENDUNG VON KRAEFTEN AUF GLASSCHEIBEN, INSBESONDERE BEI HOHER TEMPERATUR.</u>					
Inventor: CARLOMAGNO GIOVANNI MARIA [IT]	Applicant: SIV SOC ITALIANA VETRO [IT]	CPC:	IPC: B65G47/91 B65G49/06 C03B23/035 (+9)	Publication info: AT88683 (T) 1993-05-15	Priority date: 1987- 02-03
13. <u>INTERFEROMETRO OTTICO A FASCI SEPARATI REALIZZATO CON UN SEPARATORE BIRIFRANGENTE</u>					
Inventor: CARLOMAGNO GIOVANNI MARIA [IT]	Applicant: CARLOMAGNO GIOVANNI MARIA [IT]	CPC:	IPC: G02B (IPC1-7): G02B	Publication info: IT1191465 (B) 1988-03-23	Priority date: 1986- 04-21
14. <u>FLUIDIZED BED FILTERING AND/OR HEAT EXCHANGE APPARATUS PARTICULARLY FOR GASEOUS DISCHARGES FROM INTERNAL COMBUSTION ENGINES AND INDUSTRIAL PLANTS</u>					
Inventor: CAMPANILE ARMANDO [IT] CARLOMAGNO GIOVANNI M [IT] (+4)	Applicant: FIAT RICERCHE [IT]	CPC: <u>B01D46/38</u> <u>B01D53/12</u> <u>B01J8/24</u> (+1)	IPC: B01D46/38 B01D53/12 B01J8/24 (+2)	Publication info: US4340400 (A) 1982-07-20	Priority date: 1980- 09-10
15. <u>TUBIERA VENTO PER ALTOFORNO CON RAFFREDDAMENTO E LAMINA DI COMBUSTIBILE</u>					
Inventor: FERRARESI MARIO [IT] SACERDOTE ROBERTO [IT] CARLOMAGNO GIOVANNI M [IT]	Applicant: ITALSIDER SPA [IT]	CPC:	IPC: F23L (IPC1-7): F23L	Publication info: IT1081037 (B) 1985-05-16	Priority date: 1977- 07-25
16. <u>METHOD AND DEVICE FOR BLOWING OXYGEN IN METAL REFINING CONVERTERS IN UNSTATIONARY MANNER</u>					
Inventor: CARLOMAGNO GIOVANNI MARIA [IT] COSTA BRUNO [IT]	Applicant: ITALSIDER SPA [IT]	CPC: <u>C21C5/32</u>	IPC: C21C5/32 (IPC1-7): C21C5/30	Publication info: US4043799 (A) 1977-08-23	Priority date: 1975- 06-25
17. <u>NOZZLES OF THE LANCE HEADS FOR BLOWING OXYGEN FROM ABOVE IN THE REFINING PROCESSES</u>					
Inventor: CARLOMAGNO GIOVANNI MARIA [IT] CECERE ANTONIO (+3)	Applicant: ITALSIDER SPA [IT]	CPC: <u>C21C5/32</u>	IPC: C21C5/32 C21C5/46 (IPC1-7): C21C7/00	Publication info: US3957258 (A) 1976-05-18	Priority date: 1973- 08-08

18. DISCONTINUOUSLY BLOWING OXYGEN IN LD CONVERTERS - TO IMPROVE THE INTERACTION BETWEEN THE MOLTEN METAL AND THE SLAG

Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
CARLOMAGNO GIOVANNI MARIA [IT] COSTA BRUNO [IT]	ITALSIDER SPA [IT]	<u>C21C5/32</u> <u>C21C5/4606</u>	C21C5/30 C21C5/32 C21C5/46 (+1)	DE2342003 (A1) 1974-04-18 DE2342003 (C2) 1984-07-19	1972-09-08

COLLABORAZIONI SCIENTIFICHE

- Ha collaborato con docenti dell'Istituto di Fisiologia della II Facoltà di Medicina dell'Università di Napoli sullo studio sperimentale dell'emodinamica capillare
- Ha collaborato con docenti dell'Istituto di Fisica Tecnica della Facoltà di Ingegneria dell'Università di Napoli sulle applicazioni di pannelli solari e sullo studio fluidodinamico ed acustico di getti supersonici
- Ha collaborato con docenti e/o ricercatori dell'Istituto di Chimica Industriale ed Impianti Chimici dell'Università di Napoli, dell'Istituto Ricerche della Combustione del CNR di Napoli, dell'Istituto Motori del CNR di Napoli e del Centro Ricerche Fiat sullo studio termofluidodinamico di letti fluidi posti allo scarico di motori diesel
- Ha collaborato con docenti del Dipartimento di Meccanica ed Aeronautica dell'Università di Roma, La Sapienza, sullo studio di flussi a convezione naturale e su tecniche di visualizzazione del moto di fluidi
- Ha collaborato con ricercatori della Aerothermodynamics Branch, Space System Division of the Space Directorate e della General Research Instrumentation Branch, Instrument Research Division of the Electronics Directorate del NASA Langley Research Center. In particolare, in qualità di Principal Investigator, ha presentato con essi una proposta di ricerca per il programma spaziale Tethered Satellite System
- Ha collaborato con la British Aerospace, l'Aeritalia ed altre Società aerospaziali ed Università europee nell'ambito del Programma Brite/Euram nella ricerca CAPRI (Civil Aircraft Protection Against Ice)
- Ha collaborato con docenti e ricercatori del Centre d'Etudes Aerodynamiques et Thermiques di Poitiers e del Von Karman Institute for Fluid Dynamics di Rhode-Saint-Genese nell'ambito del Programma Aerospaziale Hermes su problemi di rientro
- Ha collaborato con docenti e ricercatori dell'Institute of Industrial Science della University of Tokyo nell'ambito di ricerche in Termofluidodinamica

CONSULENZE INDUSTRIALI E CONVENZIONI DI RICERCA

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- Member of the Advisory Board di "Meccanica, Journal of the Italian Association of Theoretical and Applied Mechanics" from 1985 to 1994, Pitagora Ed.
- Member of the Advisory Editorial Board of "Journal of Engineering Physics and Thermodynamics", Plenum Publ. Co.
- European Editor of the "International Journal of Rotating Machinery", Gordon and Breach Sci. Publ.
- Managing Editor of the "Atlas of Visualization", CRC Press
- Member of the International Editorial Board dell'Electronic Journal "Optical Diagnostics in Engineering".
- Regional Editor for Europe of the "Journal of Visualization", Ohmsha Ltd. (-2009)
- Member of the Advisory Editorial Board of "Optics and Laser Technology", Elsevier.
- Editor of the "Quantitative Infrared Thermography (QIRT) Journal", Lavoisier, from 2004.
- Member of the Editorial Board of the "Open Mechanical Engineering Journal", ISSN 1874-155X, Bentham Open
- Member of the Editorial Board of "Recent Patents on Mechanical Engineering Journal" ISSN 2212-7976, Bentham Science
- Editor of the "Quantitative Infrared Thermography (QIRT) Journal", ISSN 1768-6733, Taylor & Francis, from 2012
- Editor in chief of the "International Journal of Computational Methods and Experimental Measurements", ISSN 2046-0546, WIT Press, Southampton

- Editorial Board Member for the open access “Journal of Flow Control, Measurement and Visualization” ISSN 2329-3322, from 2012
- Editor emeritus of the “Quantitative Infrared Thermography (QIRT) Journal”, ISSN 1768-6733, Taylor & Francis, from 2014.
- Member of the Editorial Advisory Board of “The Open Physics Journal”, ISSN 2391-5471, De Gruyter. from 2014
- Section Editor (Mechanical Engineering) of “Applied Sciences”, ISSN 2076-3417, Open access journal on applied natural sciences published semi-monthly online by MDPI.
- Member of the Editorial Board of the “Journal of Aerospace Engineering and Mechanics”, ISSN: 2578-6350

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Author

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- Computers and Experiments in Mechanics, 1-279, CUEN, Napoli (1989)
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 - Computational Methods and Experimental Measurements XI (with C.A. Brebbia and P. Anagnostopoulos), p 776, WIT Transactions on Modelling and Simulation, **33**, ISBN: 978-1-85312-969-8, Southampton (UK), (2003)
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 - Computational Methods and Experimental Measurements XII (with Brebbia C.A.), p 944, WIT Transactions on Modelling and Simulation, **44**, ISBN: 978-1-84564-020-0, Southampton (UK), (2005)
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 - Computational Methods and Experimental Measurements XIV (with Brebbia C.A.), p 672, WIT Transactions on Modelling and Simulation, **48**, ISBN: 978-1-84564-187-0, Southampton (UK), (2009)
 - “Advanced Infrared Technology and Applications” Selected Papers from the 10th International Workshop (with Abbozzo Ronchi L., Corsi C., Grinzato E., Pippi I. and Salvetti O.), *J Modern Optics*, **57**, 18, 1661-1830 (2010)
 - Computational Methods and Experimental Measurements XV (with Brebbia C.A.), p 736, WIT Transactions on Modelling and Simulation, **51**, ISBN 978-1-84564-540-3, Southampton (UK), (2011)
 - Computational Methods and Experimental Measurements XVI (with Brebbia C.A. and Hernandez S.), p 496, WIT Transactions on Modelling and Simulation, **55**, ISBN 978-1-84564-732-2, Southampton (UK), (2013)
 - Computational Methods and Experimental Measurements XVII (with Brebbia C.A. and Poljak D.), p 564, WIT Transactions on Modelling and Simulation, **59**, ISBN 978-1-84564-922-7, Southampton

(UK), (2015)

- Computational Methods and Experimental Measurements XVIII (with Villacampa Y., Ivorra S., and Brebbia C.A.), p 166, WIT Transactions on Engineering Sciences, **118**, ISBN 978-1-78466-201-1, Southampton (UK), (2017)
- Computational Methods and Experimental Measurements XIX (with De Wilde W. P.), p 217, WIT Transactions on Engineering Sciences, **125**, ISBN 978-1-8466-333-9, Southampton (UK), (2019)
- Computational Methods and Experimental Measurements XX (with Hernandez S. and Marseglia G.), p 162, WIT Transactions on Engineering Sciences, **130**, ISBN 978-1-78466-425-1, Southampton (UK), (2021)

AWARDS

- ***Eminent Scientist Medal*** of Wessex Institute of Technology, Southampton, UK, June 1999
- ***Fellow of the Japanese Society for the Promotion of Science***, Tokyo, Japan (1999)
- ***Leonardo da Vinci Award*** in recognition of the Excellent Contributions and Outstanding Achievements in the Field of Flow Visualization, 9th International Symposium on Flow Visualization, Edinburgh, Scotland, August 2000
- ***Journal of Visualization Award*** in recognition of Editorial Contribution to the Journal of Visualization, The Visualization Society of Japan, Kogakuin University, Tokyo, Japan, July 2007
- ***FLUCOME Award*** in recognition of Leadership and Advancement of FLUCOME Symposia, 9th International Symposium on Fluid Control, Measurement and Visualization (FLUCOME 07), Tallahassee, Florida, September 2007
- ***Honorary Fellow dell'International Council of the Aeronautical Sciences (ICAS)***, for having distinguished himself, by virtue of his exceptional personal contributions and through exceptional service, to the objectives of ICAS. 26th Congress of the International Council of the Aeronautical Sciences (ICAS), Anchorage, Alaska, USA (2008)
- ***Honorary Member of AIAN*** (Associazione Ingegneri Aeronautici e Aerospaziali Napoletani) (2010)
- ***Honorary Member of the QIRT*** (Quantitative InfraRed Thermography) ***Council*** (2014)
- ***Professore Emerito*** dell'Universita degli Studi di Napoli *Federico II* (2014)
- ***Editor Emeritus*** of the ***QIRT*** (Quantitative InfraRed Thermography) ***Journal*** (2014)
- ***Flucome Honorary Member and Yasuki Nakayama's Medal*** in recognition of outstanding service for the International Conference on Fluid Control, Measurement and Visualization (FLUCOME), Notre Dame, IN, USA (2017)

PUBBLICAZIONI E PRESENTAZIONI A CONGRESSI

- 1 - **CARLOMAGNO G.M.:** “Sul numero di Reynolds critico nell’efflusso di soluzioni viscoelastiche attraverso tubi circolari”, *La Ricerca Scientifica*, **36**, 515-519 (1966)
- 2 - **VAS I.E., IACAVAZZI C., CARLOMAGNO G.M. and BOGDONOFF S.M.:** “Effect of Body Inclination on the Merging of a Hypersonic Low Density Flow Over Sharp Two-Dimensional Linear Bodies”, in Trilling & Wachman eds., *Rarefied Gas Dynamics VI*, Vol. **I**, 501-508, Academic Press, New York (1969)
- 3 - **CARLOMAGNO G.M.:** “Heat Transfer to Linear Bodies in Two-Dimensional Hypersonic Low Density Flow”, Proc. XXth Int. Astronautical Congress, 481-488, Mar del Plata, Argentina (1969)
- 4 - **NAPOLITANO L.G. and CARLOMAGNO G.M.:** “Momentum and Energy Transfer in Blood Flows Through Deformable Pipes”, in “Fluid Dynamics of Blood Circulation and Respiratory Flow”, AGARD-CP-65, 17.1-17.9 (1970)
- 5 - **NAPOLITANO L.G., CARLOMAGNO G.M. and BERARDI P.G.:** “Fluidodinamica e trasmissione del calore nella circolazione periferica del sangue”, Atti I Cong. AIMETA, Vol. **III**, P.2, 135-167, Udine (1971)
- 6 - **CARLOMAGNO G.M. and BERARDI P.G.:** “Trasmissione del calore nel moto dissipativo di un fluido di Bingham in condotti circolari”, *La Termotecnica*, **26**, 564-568, ISSN 0040-3725. 2002 (1972)
- 7 - **NAPOLITANO L.G., CARLOMAGNO G.M. and BERARDI P.G.:** “On some heat transfer problems connected with the peripheral blood circulation”, *Meccanica*, **7**, No. 1, 68, ISSN 1572-9648 (1972)
- 8 - **CARLOMAGNO G.M.:** “Soluzione di un problema di trasmissione del calore nelle tubiere vento di altoforno”, *Boll. Tecn. Finsider*, **310**, 1-9 (1972)
- 9 - **NAPOLITANO L.G., CARLOMAGNO G.M., BERARDI P.G. and PAPPALARDO M.:** “Problemi termofluidodinamici nelle tubiere vento d’altoforno”, *La Termotecnica*, **26**, 201-209, ISSN 0040-3725. 2002 (1973)
- 10 - **CARLOMAGNO G.M. and BERARDI P.G.:** “Propagazione di impulsi di pressione in fluidi contenuti in condotti viscoelastici”, Atti II Convegno Mostra di Bioingegneria, Cardiologia, 1-14, Milano (1973)
- 11 - **BERARDI P.G., CARLOMAGNO G.M. and NAPOLITANO L.G.:** “Studio fluidodinamico di ugelli supersonici per il processo LD”, *La Termotecnica*, **27**, 689-698, ISSN 0040-3725. 2002 (1973)
- 12 - **NAPOLITANO L.G., CARLOMAGNO G.M., BERARDI P.G., VIGO P. and FUCCI F.:** “Caratterizzazione di ugelli per il soffiaggio dell’ossigeno nel processo LD”, *Boll. Tecn. Finsider*, **322**, 1-12 (1973)
- 13 - **CARLOMAGNO G.M. and BERARDI P.G.:** “Trasmissione del calore per fluidi non-newtoniani in moto laminare dissipativo attraverso condotti circolari”, *La Termotecnica*, **28**, 118-122, ISSN 0040-3725. 2002 (1974)
- 14 - **CARLOMAGNO G.M. and BERARDI P.G.:** “Evoluzione nel tempo di mappe termiche superficiali in una lastra piana con cavità cilindriche”, *La Termotecnica*, **28**, 478-482, ISSN 0040-3725. 2002 (1974)
- 15 - **BERARDI P.G., CARLOMAGNO G.M. and NAPOLITANO L.G.:** “Realizzazione di una stazione per misure geotermiche nel cratere del vulcano Vesuvio”, Atti XIV Conv. Int. Tecn. Scient. sullo Spazio, 388-401, Roma (1974)
- 16 - **CARLOMAGNO G.M., CECERE A., COSTA B., MUNI N. and SABATO CERARDI C.:** “Recent Experience in the Design of Lances for the Blowing of Oxygen in LD Converters”, Proc. Int. Iron and Steel Congress, Vol. **II**, Pap. no. 3.2.2.4, 1-18, Dusseldorf (1974); also *Boll. Tecn. Finsider*, **330-331**, 1-7 (1974)
- 17 - **CARLOMAGNO G.M.:** “Su un amplificatore a fluido assialsimmetrico tristabile”, *La Termotecnica*, **28**, 270-274, ISSN 0040-3725. 2002 (1974)
- 18 - **CARLOMAGNO G.M. and BERARDI P.G.:** “Heat Transfer to Non-Newtonian Fluids in Dissipative Laminar Two-dimensional Flows”, *La Termotecnica*, **28**, 437-440, ISSN 0040-3725. 2002 (1974)
- 19 - **CARLOMAGNO G.M. and BERARDI P.G.:** “Trasmissione del calore in regime instazionario attraverso lastre piane con cavità interne”, Atti XXIX Cong. Naz. ATI, 87-98, Firenze (1974)
- 20 - **BERARDI P.G. and CARLOMAGNO G.M.:** “Damping and Dispersion of Pressure Pulses in Fluid Filled Viscoelastic Pipes”, Wissench. Vorth. 3 Jahrest. Deutsch. Gesellsch. Biomediz. Tech., 147-151, Hannover (1974)
- 21 - **BERARDI P.G., CARLOMAGNO G.M. and FALCONI C.:** “Realizzazione di un apparato sperimentale per lo studio dell’emodinamica capillare”, Atti II Cong. Naz. AIMETA, Vol. **IV**, 243-251, Napoli (1974)
- 22 - **CARLOMAGNO G.M.:** “Moto di un film liquido su un cilindro orizzontale posto in aria calma”, Atti II Cong. Naz. AIMETA, Vol. **IV**, 253-262, Napoli (1974)
- 23 - **CARLOMAGNO G.M. and BERARDI P.G.:** “Unsteady Thermotopography of Slabs with Inner Cavities”, Atti II Cong. Naz. AIMETA, Vol. **IV**, 263-272, Napoli (1974)
- 24 - **CARLOMAGNO G.M. and VIGO P.:** “Caratteristiche di impatto di getti supersonici in presenza di onde acustiche riflesse”, *Aerotecnica Missili e Spazio*, **54**, 101-104, ISSN 0365-7442 (1975)
- 25 - **CARLOMAGNO G.M. and VIGO P.:** “Acoustic Feedback Effects on the Decay of Axisymmetric Supersonic Jets”, Atti III Cong. Naz. AIDAA, 1-7, Torino (1975)
- 26 - **CARLOMAGNO G.M., BERARDI P.G. and SCINTI ROGER U.:** “Evoluzione nel tempo di mappe termiche

- superficiali in un mezzo semi-infinito con cavità interne”, Atti XXXI Cong. Naz. ATI, 339-409, Pavia (1976)
- 27 - **CARLOMAGNO G.M and BERARDI P.G.:** “Unsteady Thermotopography in Non-Destructive Testing”, in Warren C. ed., Proc. III Infrared Information Exchange, 33-40, St. Louis (1976)
 - 28 - **BERARDI P.G. and CARLOMAGNO G.M.:** “Pressure Waves Propagation in Compressible Fluids Contained in Viscoelastic Pipes”, Atti III Cong. Naz. AIMETA, Vol. IV, 9.1-9.7, Cagliari (1976)
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 - 32 - **NAPOLITANO L.G., CARLOMAGNO G.M. and VIGO P.:** “New Classes of Similar Solutions for Laminar Free Convection Problems”, *Int. J. Heat Mass Transfer*, **20**, 215-226, ISSN 0017-9310 (1977)
 - 33 - **BERARDI P.G., CARLOMAGNO G.M., COLANTUONI A. and FALCONI C.:** “Microfluorometry in the Hamster Cheek Pouch”, in Denoth F. ed., Proc. First Mediterranean Conference on Medical and Biological Engineering, Vol. II, 13.1-13.3 (1977)
 - 34 - **CARLOMAGNO G.M. and VIGO P.:** “Soluzioni simili del problema della convezione libera laminare indotta su una lastra verticale da diffusione di massa e/o energia”, Atti IV Cong. Naz. AIMETA, Vol. IV, 61-75, Firenze (1978)
 - 35 - **CARLOMAGNO G.M. and VIGO P.:** “Moto quasi-unidimensionale stazionario compressibile di un gas più che perfetto in un condotto a sezione costante in presenza di attrito e scambio termico alla parete”, Atti IV Cong. Naz. AIMETA, Vol. IV, 49-59, Firenze (1978)
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