



ELECTED INAUGURAL FELLOWS OF IUPESM (2020-2023) with brief Bios

IUPESM Fellow: Prof. John Mallard



Prof. John Mallard
University of Aberdeen, UK



Service

- IUPESM Foundation Group Member, 1975
- First IUPESM President 1980-1985
- Serve in various IUPESM Committees
- Member IOMP Foundation Group
- First IOMP Secretary General, 1962-1965
- IOMP President 1979-1982
- Served IOMP ExCom and various committees
- IPEM President


Achievement

- Pioneering Role in MRI Imaging research
- Pioneering Role in PET Imaging research
- Founding role for IOMP and IUPESM
- One of the 50 outstanding medical physicists 2013


Honours and Awards

- IOMP John Mallard Award established 2016
- IUPESM Award of Merit, 1988
- Order of the British Empire
- IoP Fellow
- IPEM Fellow

IUPESM Fellow: Prof Robert L. Clarke



Prof. Robert L. Clarke
Carleton University, Canada
Awarded Posthumously



Service

- IUPESM Founding Group member, 1975
- IUPESM Founding Sec-General, 1980-1985
- Serve in various IUPESM Committees
- Serve in various IOMP Committees
- Founding role in medical physics in Canada
- Secretary General of Canadian CAR

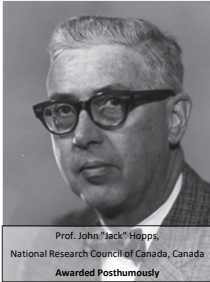
Achievement

- Founding of IUPESM and suggesting its name
- Leading role in medical physics educational standards in the world


Honours and Awards

- Robert L. Clarke Scholarship founded in Canada
- AAPM Fellow

IUPESM Fellow: Prof. John "Jack" Hopps



Prof. John "Jack" Hopps
National Research Council of Canada, Canada
Awarded Posthumously



Service

- IUPESM Founding Group member 1975
- IUPESM Secretary-General, 1985 – 1988
- IFMBE President, 1971 – 1974
- IFMBE Secretary General, 1976 - 1985
- Founding President, Canadian Medical and Biological Engineering Society, 1965

Achievement

- Co-invented the world's first cardiac pacemaker. This significant technical and scientific achievement continue to improve the lives of millions of people the world over. Left a legacy of medical devices and instruments that help people with a variety of disabilities.

Honours and Awards

- Officer in the Order of Canada
- IUPESM Merit Award
- Leadership Award , Alliance for Engineering in Medicine and Biology
- General A.G.L. McNaughton Award, IEEE
- Distinguished Scientist Award, North American Society for Pacing and Electrophysiology.

IUPESM Fellow: Prof. Masao Saito



Prof. Masao Saito,
University of Tokyo, Japan
Awarded Posthumously



Service

- IUPESM Vice-President, 1982 -1985
- IFMBE President, 1979-1982
- Served as IFMBE AC and various Committees member for 12 years

Achievement

- Guided many policy-making national committees in Japan for engineering for infants and senior persons, in various aspects of care, positive life, assistive devices, manpower problems and industries. Strong interest in interaction of high technologies with human thought and published books, which is expected to guide many misdirected research efforts to the right way.

Honours and Awards

- IUPESM Merit Award (BME), 2000
- IFMBE Honorary Life Member, 1985
- IAMBE Fellow, 1997
- Fulbright Exchange Program at UPenn, U.S.A., 1959-1960

IUPESM Fellow: Prof. Oivind Lorentsen



Prof. Oivind Lorentsen,
Rehab-Nor, Norway



Service

- IUPESM President, 1985 – 1988
- IFMBE President, 1982 – 1985
- IFMBE AC Member, 1973 - 1982


Achievement

- Development of Assistive Technology Devices and services to enhance the daily life of people with disabilities and the elderly
- Initiating and responsible for building up a National Center for Rehabilitation Technology, and establishing a network of county centers for service provision.


Honours and Awards

- Advocate of Rehabilitation Technology, Co-founder of EATS and TELEMATE programs
- Awarded His Majesty The King's Medal of Merit in Gold for national achievements in the field of Rehabilitation Technology

IUPESM Fellow: Prof. Alexander Kaul



Prof. Alexander Kaul
Federal Institute for Radiation Protection,
Germany



Service

- IUPESM Vice-President, 1985-1988
- Serve in various IUPESM Committees
- IOMP President 1982-1985
- IOMP Vice-President 1979-1982
- Serve in various IOMP Committees
- President German Society DGMP
- EFOMP Founding ETC Chair 1980

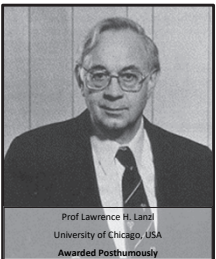
Achievement

- Leading role in medical physics in Europe
- Active role in radiation protection research


Honours and Awards

- Hanns-Langendorff-Medal
- Bundesverdienstkreuz
- Honorary member EFOMP

IUPESM Fellow: Prof Lawrence H. Lanzl



Prof Lawrence H. Lanzl
University of Chicago, USA
Awarded Posthumously



Service

- IUPESM President, 1988-1991
- Serve in various IUPESM Committees
- IOMP President 1985-1988
- IOMP Vice-President 1982-1985
- Serve in various IOMP Committees
- AAPM President

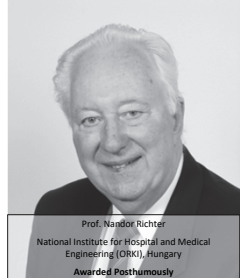
Achievement

- Leading role in medical physics educational standards in USA and the world


Honours and Awards

- William D. Coolidge Gold Medal
- Farrington Daniels Award
- AAPM Fellow

IUPESM Fellow: Prof. Nandor Richter



Prof. Nandor Richter
National Institute for Hospital and Medical
Engineering (ORKO), Hungary
Awarded Posthumously



Service

- IUPESM Vice-President, 1988 - 1991
- IFMBE President, 1985 – 1988
- Board Member, Hungarian Academy of Engineering

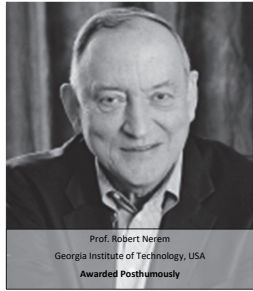
Achievement

- Served as a UN expert in the field of health-related technical activities. An expert for project evaluations in the EU and for UN agencies (UNIDO, WHO). Head of Product Development and Design Laboratory of Medcor, the largest medical equipment company in Central Europe.

Honours and Awards

- Kolos Richard Award
- Csaki Frigyes Memorial Medal
- Dr. Katona Zoltán Medal
- Founding Fellow, International Academy for Medical and Biological Engineering
- Honorary Life Member, IFMBE
- Honorary Life Member, Hungarian National Society of Medical Engineering

IUPESM Fellow: Prof. Robert Nerem



Service

- IUPESM President, 1991 to 1994
- IFMBE President, 1988 - 1991
- AIMBE President, 1992-1994
- TERMIS President, 2002 to 2004
- Council Member, National Academy of Engineering, 1998 - 2004
- Founder of IAMBE

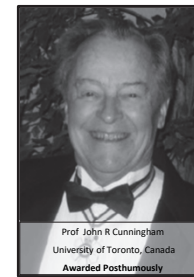
Achievement

- An outstanding mentor, educator and statesman, a highly regarded leader in the global Biomedical Engineering community. Strong advocate of integration, bringing BME communities around the world together and collectively with one voice to effectively raise public policy issues.

Honours and Award

- IUPESM Hopps Award, 2015
- National Academy of Engineering, 1988
- Institute of Medicine, National Academy of Sciences, 1992
- Fellow of American Academy of Arts and Sciences; American Association for the Advancement of Science
- ASME's H.R. Lissner Award, 1989; AIMBE's Pierre Galletti Award, 2002; NAE's Founders Award, 2008

IUPESM Fellow: Prof John R Cunningham



Service

- IUPESM Vice-President, 1991-1994
- Serve in various IUPESM Committees
- IOMP President 1988-1991
- IOMP Vice-President 1985-1988
- Serve in various IOMP Committees
- President Canadian Soc. COMP

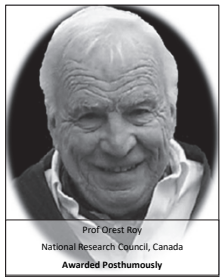
Achievement

- Leading role in medical physics education
- Leading role in radiotherapy development
- One of the 50 outstanding medical physicists 2013

Honours and Awards

- IOMP Marie Curie Award
- William D. Coolidge Gold Medal
- CAP/COMP Memorial Peter Kirkby Medal
- COMP Medal for "outstanding contributions to the field of medical physics in Canada"
- Officer of the Order of Canada
- AAPM Fellow
- CAP Fellow

IUPESM Fellow: Prof. Orest Roy



Service

- IUPESM Secretary-General, 1991 - 1994
- IFMBE Secretary General, 1988-1991
- Canadian Medical and Biological Engineering Society President, 1976 to 1980

Achievement

- Instrumental in establishing Technical Aids and Systems for the Handicapped (TASH). Awarded the Walter Dinsdale Award for exceptional achievement in the development of technical aids for the benefit of disabled persons.

Honours and Awards

- Fellow, Rehabilitation Society of North America
- Honorary Life Member, IFMBE
- Senior Member, IEEE

IUPESM Fellow: Prof. Niilo Saranummi



Service

- IUPESM President, 1994 - 1997
- IFMBE President, 1991 - 1994
- Co-Founder of EAMBES and HL7 Finland
- Editor-in-Chief, IEEE Transactions of Information Technology in Biomedicine

Achievement

- A distinguished engineer and remarkable scientist who left a deep impact in the field of biomedical engineering and health informatics worldwide.

Honours and Awards

- Fellow of FACTE, IAMBE, AIMBE, IEEE, EAMBES and HL7
- IFMBE Otto Schmitt Award

IUPESM Fellow: Prof Udipi Madhvanath



Prof Udipi Madhvanath
Former BARC, India



Service

- IUPESM Vice-President, 1994-1997
- Serve in various IUPESM Committees
- IOMP President 1991-1994
- IOMP Vice-President 1988-1991
- Serve in various IOMP Committees
- Founding member and President of Indian Society AMPI
- Editor AMPI Medical Physics Bulletin
- Chair Asia Congress of Medical Physics, 1992

Achievement

- Leading role in medical physics in Asia

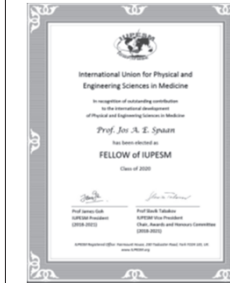
Honours and Awards

- Dr. Ramaih Naidu award
- AFOMP Outstanding Medical Physicist
- AMPI Fellow

IUPESM Fellow: Prof. Jos Spaan



Prof. Jos Spaan,
Amsterdam University Medical Centers,
The Netherlands



Service

- IUPESM Secretary General, 1994 - 1997
- IFMBE Secretary General, 1992-1998
- Chair, IFMBE Publications and Federation Journal Committee, 1988-1991
- EAMBES President, 2005
- MBEC Editor in Chief, 2006-2012

Achievement

- Applied biomedical engineering principles for the understanding of the mechanics, control and blood distribution in the coronary circulation and the role of the endothelial glycocalyx.

Honours and Awards

- Knight in the Order of the Dutch Lion
- Fellow of American Heart Association and Cardiovascular Section of the American Physiological Society
- Fellow of IAMBE; AIMBE; EAMBES
- Isaac Starr Lecture (2004) CSDS, Banff, Canada
- Wiggers Award, American Physiological Society, 2015
- IUPESM Awards of Merit, 2018

IUPESM Fellow: Prof Keith Boddy



Prof. Keith Boddy
Regional Medical Physics Newcastle, UK
Awarded Posthumously



Service

- IUPESM President 1997-2000
- Serve in various IUPESM Committees
- IOMP President 1994-1997
- IOMP Vice-President 1991-1994
- Served IOMP ExCom and various committees
- EFOMP President
- IPEM President

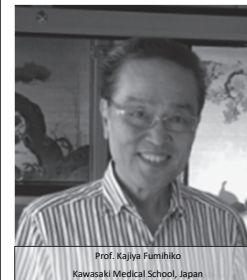
Achievement

- Leading role in ICSU recognition of IUPESM membership
- One of the 50 outstanding medical physicists 2013

Honours and Awards

- IUPESM Award of Merit, 2000
- Glaebrook Medal of IoP
- Order of the British Empire
- Honorary Doctorate, De Montford University
- Fellow of IPEM, IoP, BNMS, RCR, BIR, SRP

IUPESM Fellow: Prof. Kajiya Fumihiko



Prof. Kajiya Fumihiko
Kawasaki Medical School, Japan



Service

- IUPESM Vice-President, 1997-2000
- IFMBE President, 1994 – 1997
- Served in various capacity in IFMBE for 18 years (1982-2000)

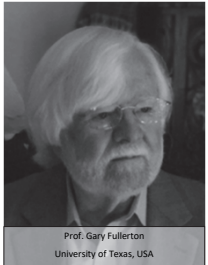
Achievement

- Basic and clinical biomedical engineering mainly in the cardiovascular fields.

Honours and Awards

- IUPESM Award of Merit (BME), 2015
- IAMBE Fellow

IUPESM Fellow: Prof. Gary Fullerton



Prof. Gary Fullerton
University of Texas, USA



Service

- IUPESM Secretary General, 1997-2003
- Serve in various IUPESM Committees
- IOMP Secretary General, 1997-2003
- Served IOMP ExCom and various committees
- Co-President WC 1988
- AAPM President

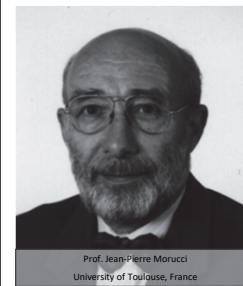
Achievement

- Leading role in ICSU recognition of IUPESM membership
- Active role in Latin America medical physics development

Honours and Awards

- IUPESM Award of Merit, 2009
- Silver Medal International Society of Magnetic Resonance in Medicine 2002
- Fellow of AAPM; ACR; ISMRM; IOMP

IUPESM Fellow: Prof. Jean-Pierre Morucci



Prof. Jean-Pierre Morucci
University of Toulouse, France



Service

- IUPESM President, 2000 – 2003
- IFMBE President, 1997 – 2000
- French representative at the Commission of the European Communities (Brussels) in the Concerted Action Committee for Biological and Medical Engineering (1980-1990)

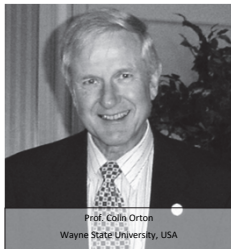
Achievement

- Advancement of Bioelectrical Impedance Techniques in Medicine

Honours and Awards

- Ampère Award, 1997
- Fellow Emeritus, International Academy of Medical and Biological Engineering

IUPESM Fellow: Prof. Colin Orton



Prof. Colin Orton
Wayne State University, USA



Service

- IUPESM Vice- President, 2000-2003
- Serve in various IUPESM Committees
- IOMP President, 1997-2000
- IOMP Vice-President, 1994-1997
- IOMP Secretary-General, 1988-1994
- Served IOMP ExCom and various committees
- AAPM President
- IMPCB President

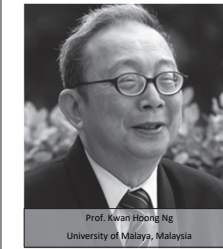
Achievement

- One of the 50 outstanding medical physicists, 2013
- Editor-in-Chief of J. "Medical Physics"

Honours and Awards

- IOMP Marie Curie Award
- IUPESM Award of Merit
- AAPM Coolidge Award
- ACMP Marvin M. D. Williams Award
- Ulrich Henschke Award, ABS
- IOMP Fellow

IUPESM Fellow: Prof. Kwan Hoong Ng



Prof. Kwan Hoong Ng
University of Malaya, Malaysia



Service

- IUPESM AC Member, 2000 – 2006
- Served IOMP ExCom and various committees
- SEFOMP Founding President, 2000-2006
- AFOMP President, 2010-2012

Achievement

- Active role in establishing medical physics activities in South-East Asia
- Active role in radiation protection research
- Active role in IOMP education/training activities
- One of the 50 outstanding medical physicists 2013

Honours and Awards

- IOMP Marie Skłodowska- Curie Award
- IOMP Award for IDMP
- Academy of Sciences Malaysia Fellow
- Fellow of IOMP; IoP
- Included in the 100 Asian Scientist, 2019

IUPESM Fellow: Prof. Inger-Lena Lamm



Prof. Inger-Lena Lamm
Lund University Hospital, Sweden.



Service

- IUPESM AC Member, 2000 – 2006
- Serve in various IUPESM Committees
- Serve in various IOMP Committees
- EFOMP President
- Swedish Society SHPA President

Achievement

- Leading role in medical physics in Europe and establishing educational standards
- Active member of the pioneering e-learning projects

Honours and Awards

- Co-awarded EU Leonardo da Vinci Award
- IEC Award 2016
- Honorary member EFOMP
- Honorary member Swedish SHPA

IUPESM Fellow: Prof. Azam Niroomand-Rad



Prof. Azam Niroomand-Rad
Georgetown University, USA



Service

- IUPESM AC Member, 2000 – 2007
- IUPESM Vice-President, 2006- 2007
- Serve in various IUPESM Committees
- IOMP President, 2003 – 2006
- IOMP Vice-President, 2000-2003
- Editor Medical Physics World Newsletter
- Served IOMP ExCom and various committees

Achievement

- Active role in ILO recognition of medical physicists and biomedical engineering profession in ISCO
- Active role in founding of IUPAC Medical Physics Commission
- Active role in IOMP education/training activities

Honours and Awards

- IOMP Marie Sklodowska- Curie Award
- AAPM Achievement in Med Physics Award
- Fellow of AAPM; ACR; IOMP

IUPESM Fellow: Prof Oskar Chomicki



Prof Oskar Chomicki
Polish Medical Physics Society, Poland
Awarded Posthumously



Service

- IUPESM President, 2003-2006
- Serve in various IUPESM Committees
- IOMP President 2000-2003
- IOMP Vice-President 1997-2000
- Serve in various IOMP Committees
- Polish Society PTFM President

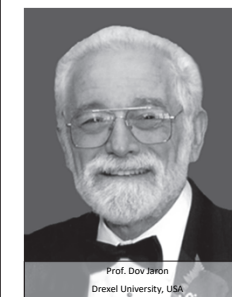
Achievement

- Active role in medical physics development in developing countries
- Founding member of Polish Society PTFM

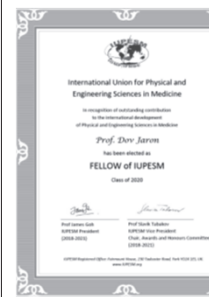
Honours and Awards

- Honorary Member of EFOMP
- Honorary member Polish PTFM
- Knight of Gold Cross for Merit
- IOMP Fellow

IUPESM Fellow: Prof. Dov Jaron



Prof. Dov Jaron
Drexel University, USA



Service

- IUPESM Vice President, 2003 - 2006
- IFMBE President, 2000 - 2003
- ICSU Executive Board, 2008-2014

Achievement

- Dynamic, multiscale cardiovascular models that had led to the development, optimization, and clinical implementation of the cardiac assist device - the Intra-aortic balloon pump; and using the innovative models to elucidate complex mechanisms in the microcirculation.

Honours and Awards

- Fellow of IAMBE; AIMBE; IEEE; BMES
- Fellow of American Association for the Advancement of Science; Academy of Surgical Research; World Academy of Biomedical Technology
- IUPESM Merit Award (BME)
- Foreign member, Polish Academy of Sciences

IUPESM Fellow: Prof. Heikki Teriö



Prof. Heikki Teriö,
Karolinska University Hospital, Sweden



Service

- IUPESM AC Member, 2003 - 2010
- IUPESM Secretary General, 2003 – 2010
- IFMBE Secretary General, 1997 – 2003
- Chair, IFMBE Clinical Engineering Division, 2006-2009

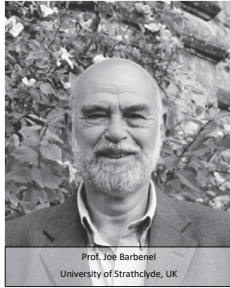
Achievement

- Development of education/training in biomedical engineering internationally and supporting/strengthening management and maintenance systems of medical equipment in order to increase patient safety in emerging countries through development of international co-operation


Honours and Awards

- IFMBE Honorary Life Member, 2018
- Honorary Life Member, Swedish Society for Medical Engineering, 2018

IUPESM Fellow: Prof. Joe Barbenel



Prof. Joe Barbenel
University of Strathclyde, UK



Service

- IUPESM AC Member, 2003 – 2009
- IFMBE AC Member, 1988 - 1994
- Chair, IFMBE Constitution and Bylaws Committee, 2002-2012
- EAMBES Founding Member, 2003; Council Member, 2003-2006; Chair Academic Division 2003-2009.
- President, Biological Engineering Society, UK

Achievement

- Contributed extensively to secure global acceptance of Biomedical Engineering as an independent Academic discipline, appropriate for research, teaching and clinical application, and as a profession. Developed BME Postgraduate Courses in University of Patras, Greece and Chongqing University, China. Initiated discussion on formation of IPEM.
- Research expertise in structure and properties of the soft tissues to direct clinical applications.

Honours and Awards

- Founding Fellow EAMBES, 2012
- Presidents Medal, Society of Cosmetic Scientists
- Lifetime Achievement Award, European Pressure Ulcer Panel

IUPESM Fellow: Prof. Joachim Nagel



Prof. Joachim Nagel
University of Stuttgart, Germany
Awarded Posthumously



Service

- IUPESM AC Member, 2003 - 2012
- IUPESM President 2006 – 2009
- IFMBE President 2003 – 2006
- Founding Member, EAMBES


Achievement

- Led initiatives to increase visibility and importance of biomedical engineers and medical physicists in medicine and health.
- Research expertise in the cardiovascular monitoring, and physiology, medical imaging, Bio-MEMS, neurosciences, biological effects as well as therapeutic applications of ultrasound, and patient safety


Honours and Award

- IUPESM Award of Merit (BME), 2012
- Fellow of IAMBE; BMES; AIMBE; IoP
- Founding Fellow, EAMBES
- Honorary Life Member, IFMBE
- Academician Member, UNESCO/IJATI World Academy of Biomedical Technologies

IUPESM Fellow: Prof. Peter H. S. Smith



Prof. Peter H. S. Smith
Former North. Ireland Med. Phys. Agency, UK



Service

- IUPESM AC Member, 2003 – 2009
- IUPESM Treasurer, 2006 – 2009; 2012 – 2015
- Serve in various IUPESM Committees
- IOMP Secretary General, 2003 – 2009
- Served IOMP ExCom and various committees
- EFOMP Treasurer
- IPEM President-Elect

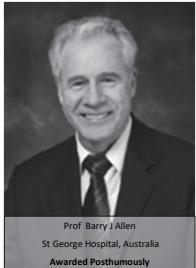
Achievement

- Active role in ILO recognition of medical physicists and biomedical engineering profession in ISCO
- Active role in IOMP – WHO relations
- Chair, ICMP 2001

Honours and Awards

- IUPESM Award of Merit (MP), 2015
- IPEM Fellow
- IOMP Fellow

IUPESM Fellow: Prof Barry J Allen



Service

- IUPESM AC Member, 2003 - 2015
- IUPESM President 2009-2012
- IUPESM Vice-President, 2008-2009
- Served various IUPESM committees for 12 years
- IOMP President 2006-2009
- IOMP Vice-President 2003-2006
- Served IOMP ExCom and various committees
- AFOMP President
- Australasian ACPSEM President
- Co-President WC 2003

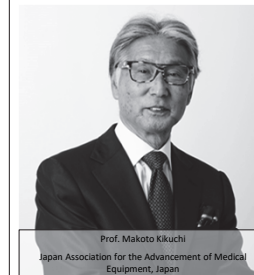
Achievement

- Leading role in medical physics in Asia and Oceania
- One of the 50 outstanding medical physicists 2013

Honours and Awards

- AFOMP Outstanding Medical Physicist Award
- Order of Australia Medal
- AIoP Fellow
- ACPSEM Fellow
- IOMP Fellow

IUPESM Fellow: Prof. Makoto Kikuchi



Service

- IUPESM AC Member, 2003 - 2012
- IUPESM Vice-President, 2009-2012
- IFMBE President, 2006 - 2009
- Served in various capacity in IFMBE for 24 years (1985-2009)
- Japan Association for the Advancement of Medical Equipment (JAAME) President, 2020
- President of Mindful Home Care Product Design Research Institute

Achievement

- Development of BME profession worldwide through his activities and services with the government and industry sector.
- Started the Strategy Planning Committee of the METIS Consortium in Japan (2001).
- Active in Japanese Industrial Standard Committee more than 25 years, and chaired the JSC Medical Device and Equipment more than 15 years

Honours and Awards

- IFMBE Honorary Life Member 2015
- Kelvin Premium, IEE
- Medical Instrument Society of Japan Award
- Magna cum Laude Citation, American Society of Neuroradiology
- Japanese Society of Laser Surgery and Medicine Award
- Ministry Medal, Ministry of International Trade and Industry (MITI) of Japan
- Decoration of 3rd Order of the Sacred Treasure (Japan)

IUPESM Fellow: Prof. Ratko Magjarevic



Service

- IUPESM AC Member, 2003 - 2022
- IUPESM Vice-President, 2015-2018,
- Served in various IUPESM Committees, ie Union Journal, Nominating & Awards Committees etc
- IFMBE President, 2012 - 2015
- IFMBE Vice-President, 2009- 2012; 2018 - 2022
- IFMBE Secretary-General, 2003 - 2009
- Served IFMBE AC and various committees, ie Awards, Conference, Federation Journal, Nominating & Publicity Committees.

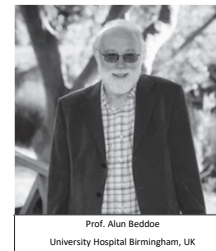
Achievement

- Doyen of Croatian biomedical engineering, has in addition to his research, scholarly and mentorship achievements, played a key role in building a worldwide network of biomedical engineering mainly through his engagement in IFMBE and IUPESM.

Honours and Awards

- Golden Medal "Josip Lončar", University of Zagreb, 2014
- Honorary Senator, University of Ljubljana, Slovenia, 2013
- Honorary Member, Society for Medical and Biological Engineering of Bosnia and Herzegovina, 2015
- Recognition of the Senate of the Republic of Colombia for excellence in his career and his constant work in progress and the development of bioengineering and science in Colombia and worldwide, 2009
- IFMBE medal for "extraordinary services, exceptional dedication and outstanding contributions", 2006

IUPESM Fellow: Prof. Alun Beddoe



Service

- IUPESM AC Member, 2006 - 2009
- President of the Australasian ACPSEM
- Served various IUPESM committees
- Editor of J. New Zealand Medical Physics and Bio-medical Engineering
- Editor of J. Australasian Physical and Engineering Sciences in Medicine
- Editor-in-Chief Physics in Medicine and Biology

Achievement

- Active role in medical physics education and training standards and of publishing

Honours and Awards

- AFOMP Outstanding Medical Physicist Award
- ACPSEM Fellow
- IPeM Fellow
- IoP Fellow

IUPESM Fellow: Prof. George Mawko



Service

- IUPESM AC Member, 2006 – 2009
- Serve in various IUPESM Committees
- IOMP Treasurer, 2006 – 2009
- Editor Medical Physics World Newsletter
- Served IOMP ExCom and various committees

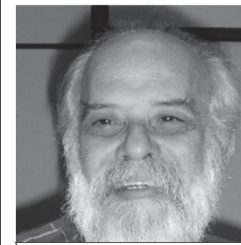
Achievement

- World Congress and ICMP Finance Com, from 2003 - 2009

Honours and Awards

- CCPM Fellow
- COMP Fellow
- IOMP Fellow

IUPESM Fellow: Prof. Antonio Fernando Catelli Infantozzi



Service

- IUPESM AC Member, 2006-2012
- IFMBE AC Member,
- SBEB President, 1979-1981; 1994-1996; 2000-2002
- Latin American Regional Council on Biomedical Engineering (CORAL) President, 2001-2004

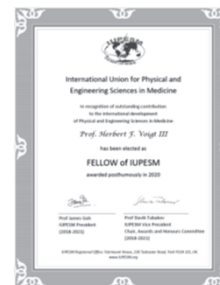
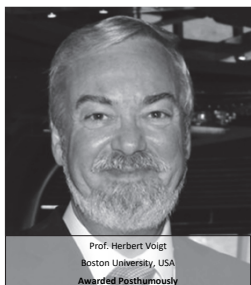
Achievement

- Prof Fernando played a fundamental role in the development of the Brazilian Journal of Biomedical Engineering, which subsequently re-named the International Research on Biomedical Engineering Journal. He became an expert on biosignal processing, with particular emphasis on Neural Engineering, the main focus of his long career.

Honours and Awards

- Giulio Massarani Prize, COPPE Institute (UFRJ) 2009

IUPESM Fellow: Prof. Herbert Voigt



Service

- IUPESM AC member, 2006 - 2018
- IUPESM President, 2012– 2015
- IFMBE President, 2009-2012
- AIMBE President, 2006-2007
- BMES President, 1999

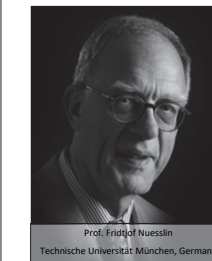
Achievement

- Contributed extensively to global health, notably his travel to Nigeria, Sweden, Malaysia and Peru. Recipient of a Fulbright Scholarship to the Pontifical Catholic University of Peru (2014–15) to develop a new biomedical engineering PhD program and worked with Peru's National Institutes of Health to create a research program to detect heavy metals in biological samples.

Honours and Awards

- Fellow, American Institute of Medical and Biological Engineering
- CCNY Alumni Career Achievement Award, 1994
- Fulbright Scholarship (Peru), 2015
- Alpha Eta Mu Beta's Outstanding Dedication and Service Award, 2016
- BMES's President's Award, 2002 & Distinguished Service Award, 2004
- IEEE Distinguished Lecturer, 2012-2013

IUPESM Fellow: Prof. Fridtjof Nuesslin



Service

- IUPESM AC Member, 2006 - 2015
- IUPESM Vice-President, 2012 – 2015
- Serve in various IUPESM Committees, 2006 – 2015
- IOMP President 2009-2012
- IOMP Vice-President 2006-2009
- President EFOMP

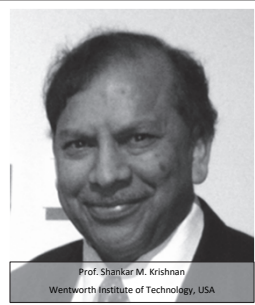
Achievement

- Active role in ILO recognition of medical physicists and biomedical engineering profession in ISCO
- Fostering the IUPESM role in the formation of ICSU Bio Cluster
- One of the 50 outstanding medical physicists 2013
- Active role in IOMP – WHO relations
- Active role in IOMP – IUPAP relations
- Editor-in-Chief European Journal Medical Physics

Honours and Awards

- Richard-Glocker-Award of the DGMP
- Honorary member EFOMP
- Honorary member Med.Phys Societies of Czech Rep., Saudi Arabia,
- Honorary member of German and Austrian Soc. Radio Oncology
- IOMP Fellow

IUPESM Fellow: Prof. Shankar M. Krishnan



Service

- IUPESM AC Member, 2006 – 2022
- IFMBE President, 2018 – 2022
- Served IFMBE Administrative Council for the past 17 years, as Treasurer, Secretary General, Vice President and President

Achievement

- Served over 30 years in academia, R&D in MedTech industry, consultancy, design, commissioning, operations management in hospitals; founded and led three Biomedical Engineering programs (in Illinois, Singapore, and Boston); Designed, developed, and managed modern teaching and research labs, earned two cycles of successful ABET accreditation

Honours and Awards

- CIMIT Kennedy Innovation Award,
- Fellow, American Institute of Medical and Biological Engineering
- Henry C. Lord Chair Professorship

IUPESM Fellow: Prof. Caridad Borrás



Service

- IUPESM AC Member, 2006 – 2009
- IUPESM HTTG Chair, 2006 – 2009
- Serve in various IUPESM Committees
- IOMP Science Com Chair 2000-2009
- Served IOMP ExCom and various committees
- AAPM Intern. Educ. Activities Com Chair

Achievement

- Active role in IOMP professional/scientific activities
- Leading IUPESM HTTG Book Rural Health Centres development
- Active role in Latin America medical physics development
- One of the 50 outstanding medical physicists 2013

Honours and Awards

- IUPESM Award of Merit, 2009
- IOMP Award for IDMP
- AAPM Achievement in Med Physics Award
- Fellow of AAPM; ACRI; HPS; IOMP
- Diplomas and Recognition awards of societies of Spain, Brazil, Peru, Cuba, Middle East

IUPESM Fellow: Prof. Kin Yin Cheung



Service

- IUPESM AC Member, 2009 – 2022
- IUPESM President 2015-2018
- Served various IUPESM committees
- IOMP President 2012-2015
- IOMP Vice-President, 2009-2012
- IOMP ExCom member 2006 – 2018
- Served IOMP ExCom and various committees
- AFOMP Founding President

Achievement

- Leading role in medical physics in Asia and establishing of AFOMP
- Leading role in establishing the definition of roles & responsibilities of medical physicists
- Active role in IOMP education/training activities
- Active role in IOMP – WHO relations

Honours and Awards

- AFOMP Outstanding Medical Physicist Award
- IOMP Fellow

IUPESM Fellow: Prof. Yimin Hu



Service

- IUPESM AC Member, 2009 - 2015
- Served various IUPESM committees
- AFOMP President
- Served IOMP ExCom and various committees
- President Chinese Society CSMP
- Chief Editor, Chinese Journal of Medical Physics
- WC2012 Co-President

Achievement

- Leading role in medical physics in Asia
- One of the 50 outstanding medical physicists 2013


Honours and Awards

- Prize Development of Medical Science and Technology, Chinese Academy
- AFOMP Outstanding Medical Physicist Award
- IOMP Fellow

IUPESM Fellow: Prof. James Goh



Prof. James Goh
National University of Singapore, Singapore



Service

- IUPESM AC Member, 2009 – 2022
- IUPESM Secretary General, 2010 – 2015
- IUPESM President, 2018 – 2022
- IFMBE President, 2015- 2018
- IFMBE Secretary General, 2006- - 2012


Achievement

- Pioneered BME education and activities in Singapore, actively engage regional development of BME programs. Foster global BME community through closer interactions. Expertise in Orthopaedic Biomechanics and Musculoskeletal Tissue Engineering.


Honours and Awards

- Fellow, American Institute of Medical and Biological Engineering
- Fellow, ASEAN Academy of Engineering and Technology
- Fellow, Institute of Engineers Singapore

IUPESM Fellow: Prof. Slavik D. Tabakov



Prof. Slavik Tabakov
King's College London, UK



Service

- IUPESM AC Member, 2009 - 2022
- IUPESM Treasurer, 2009-2012
- IUPESM Vice-President, 2018-2022
- Serve in various IUPESM Committees
- IOMP President, 2015 – 2018
- IOMP Vice- President, 2012-2015
- IOMP Treasurer, 2009-2012
- Served IOMP ExCom and various committees


Achievement

- Develop/Lead the first Med.Phys. e-Learning
- Develop/Lead MP Encyclopaedia+Dictionary
- Active role in IOMP education/training activities in Low-Middle Income countries
- Active role in IOMP – WHO relations
- Co-Editor-in-Chief J. Med. Phys. International
- Co-Director ICTP College on Medical Physics
- Established IOMP Company


Honours and Awards

- IOMP Harold John Medall
- Lead co-award EU Leonardo da Vinci Award
- Medals/Diplomas of societies of Bulgaria, UK, Lithuania, Thailand, India, Middle East
- Dr Hon. Causa Medical Univ. Plovdiv, Bulgaria
- Fellow of IPBM, IOMP and HEA

IUPESM Fellow: Prof. Madan Rehani



Prof. Madan Rehani
Massachusetts General Hospital, USA



Service

- IUPESM AC Member, 2009 – 2022
- IOMP President, 2018 – 2022
- IOMP Vice-President, 2015-2018
- IOMP Secretary General 2009-2015
- Served IOMP ExCom and various committees


Achievement

- One of the 50 outstanding medical physicists 2013
- Active role in radiation protection research
- Active role in IOMP – WHO relations


Honours and Awards

- IOMP Harold John Medall
- Butterfly Award by Image Gently 2015
- Homi Bhabha Oration, 1999
- Dr. K.M. Rai Oration, 2001
- Honorary Membership of Society for Pediatric Radiology, 2011
- IOMP Fellow

IUPESM Fellow: Prof. Tomas Kron



Prof. Tomas Kron
Peter MacCallum Cancer Centre, Australia



Service

- IUPESM AC Member, 2009 - 2015
- Served various IUPESM committees
- IOMP Awards & Honours Com Chair
- Served IOMP ExCom and various committees
- President of the Australasian ACPSEM
- IMPCB Board member

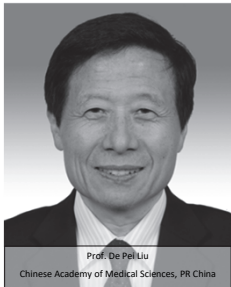
Achievement

- Leading role in medical physics in Asia
- One of the 50 outstanding medical physicists 2013


Honours and Awards

- IOMP Award for IDMP
- AFOMP Outstanding Medical Physicist Award
- Order of Australia Medal
- ACPSEM Fellow
- IOMP Fellow

IUPESM Fellow: Prof. De Pei Liu



Prof. De Pei Liu
Chinese Academy of Medical Sciences, PR China



Service

- IUPESM AC Member, 2012 – 2015
- IUPESM WC 2012 Chair
- IFMBE AC Member, 2006 - 2009
- Co-Chair, IFMBE Strategic Planning Committee (2009-2012),

Achievement

- Contributions to scientific insights and higher education leadership in biomedical engineering

Honours and Award

- Fellow, International Academy of Medical and Biological Engineering (2013)

IUPESM Fellow: Prof. Monique Frize



Prof. Monique Frize,
University of Ottawa, Canada



Service

- IUPESM AC member, 2012-2018
- Chair, IUPESM WIMPBME Committee
- IFMBE AC and Chair, CoS, 2015-2022
- Chair, IFMBE Clinical Engineering Division, 1985-1990

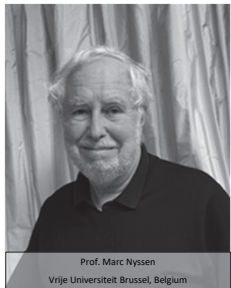
Achievement

- Contributed extensively in BME education for 20 years, after 18 years as a clinical engineer in hospitals. Enjoyed sharing clinical engineering knowledge and experience with students, supervising their thesis (over 85 of them), and publishing over 200 papers in refereed journals and conference proceedings.


Honours and Awards

- Athlone Fellow (1967-1969)
- Officer, Order of Canada (OC) in 1993
- Fellow, Canadian Academy of Engineering (1982)
- Gold Medal, Professional Engineers Ontario (2000)
- Fellow (2012) and Life Member (2015) of IEEE
- Fellow of CMBES (2015); Engineers Canada (2010)

IUPESM Fellow: Prof. Marc Nyssen



Prof. Marc Nyssen
Vrije Universiteit Brussel, Belgium



Service

- IUPESM AC Member, 2015 – 2022
- IUPESM Treasurer, 2015-2018
- Serve in various IUPESM Committees from 2003 – 2021, for instance Union Journal, Nominating & Awards Committees just to name a few.
- IFMBE Treasurer, 2012 - 2022
- Served IFMBE AC and various committees for the past 15 years from 2006 – 2022, for instance Secretaries Committee.


Achievement

- Privileged to witness the birth and rising of electronic and ICT technologies and was able to design systems and contribute to their deployment, assisting thousands of patients and health care professionals and teaching talented students.


Honours and Awards

- Member, Royal Belgian Academy of Overseas Sciences
- Founding Member, Belgian National Committee on Biomedical Engineering

IUPESM Fellow: Prof. Eva Bezak



Prof. Eva Bezak
University of South Australia, Australia



Service

- IUPESM AC Member, 2015- 2022
- Served various IUPESM committees
- Founding member and Chair of IUPESM Women in MP and BME Task Group
- IOMP Secretary General 2019-2022
- Served IOMP ExCom and various committees
- President of the Australasian ACPSEM
- AFOMP Vice-President
- WC2025 Co-President

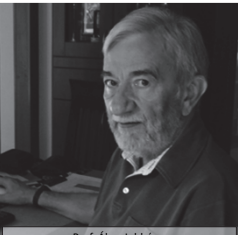
Achievement

- Leading role in medical physics in Asia and women in medical physics


Honours and Awards

- IOMP Award for IDMP
- Women's Honour Roll, S.Australia
- ACPSEM Fellow

IUPESM Fellow: Prof. Ákos Jobbágy



Prof. Ákos Jobbágy,
Budapest University of Technology and
Economics, Hungary



Service

- IUPESM AC member, 2015 – 2018
- IFMBE AC member, 2006 - 2012
- Served as Chair in numerous IFMBE committees from 2003 -2021, for instance National Secretaries' Committee, Membership Committee, IFMBE Constitution and Bylaws Committee


Achievement

- Development of devices and algorithms for early diagnosis and objective assessment of patients with neural and cardiovascular diseases


Honours and Awards

- Honorary Life Member of IFMBE, 2015
- Order of Merit of the Hungarian Republic, Knight Cross, 2008

IUPESM Fellow: Prof. Kang Ping Lin



Prof. Kang Ping Lin,
Chung Yuan Christian University, Chinese
Taipei



Service

- IUPESM AC member, 2015-2022
- Chair, IUPESM Public & Intl Relations Comm, 2015-2022
- IFMBE Secretary General (2015 – 2022)
- Editor, IFMBE NEWS (2009-2015)


Achievement

- Linking and serving in biomedical engineering and medical physics communities particularly in the areas of biomedical imaging, bio-signals and medical devices.


Honours and Awards

- 2019 TSBME Wei Han Biomedical Engineering Service Award
- 2017 ACCE (USA) Antonio Hernandez International Clinical Engineering Award
- 2016 Chinese Institute of Engineers: Outstanding Engineering Professors Award
- 2013 Fellow, International Academy of Medical and Biological Engineering (IAMBE)

IUPESM Fellow: Prof. Virginia Tsapaki



Prof. Virginia Tsapaki
Konstantopoulo Gen. Hospital Athens, Greece



Service

- IUPESM AC Member, 2015 – 2019
- Served IUPESM various committees
- IOMP ExCom member 2012 – 2019
- IOMP Secretary General, 2015-2019
- Served IOMP ExCom and various committees
- Editor Medical Physics World Newsletter
- Founding Chair of IOMP Women Sub-Com.
- EFOMP Committees Chair
- President Greek Society HAMP


Achievement

- Active in role in medical physics in Europe and establishing professional standards
- Active role in radiation protection research


Honours and Awards

- IOMP Award for IDMP
- Appreciation Diploma Middle East
- IOMP Fellow

IUPESM Fellow: Prof. Howell Round



Prof. Howell Round
University of Waikato, New Zealand



Service

- IUPESM AC Member, 2015 - 2018
- IUPESM Secretary General 2015-2018
- Served various IUPESM committees
- Served IOMP various committees
- President of the Australasian ACPSEM
- AFOMP Secretary General 2012-2018

Achievement

- Leading role in medical physics in Asia and establishing educational standards

Honours and Awards

- IOMP Award for IDMP
- AFOMP Outstanding Medical Physicist Award
- ACPSEM Fellow
- IOMP Fellow

IUPESM Fellow: Prof. Magdalena Stoeva



Service

- IUPESM AC Member, 2018 – 2022
- IUPESM Treasurer, 2018 – 2022
- Serve in various IUPESM Committees
- IOMP ExCom, 2015 – 2022
- Serve in various IOMP Committees
- Editor IUPESM Health & Technology Journal
- Editor Medical Physics World Newsletter
- Technical Editor J. Med. Phys. International

Achievement

- Leading role in IT of Med. Phys web sites development – Encyclopaedia, MPI Journal, MPW Newsletter, e-learning, IOMP.org, IOMP Women Sub-com
- Active member of the pioneering e-learning projects

Honours and Awards

- IUPAP Young Scientist Award Medical Physics
- Co-awarded EU Leonardo da Vinci Award
- IOMP Fellow

IUPESM Fellow: Prof. John Damilakis



Service

- IUPESM AC Member, 2018 – 2022
- IOMP ExCom member 2012 – 2022
- IOMP Vice-President, 2018-2022
- Served IOMP ExCom and various committees
- EFOMP President
- President Greek Society HAMP

Achievement

- Active role in radiology dosimetry research
- Active role in radiation protection research
- Active role in IOMP education/training activities

Honours and Awards

- Walter E. Berdon Award of The Society for Pediatric Radiology
- IOMP Fellow

IUPESM Fellow: Prof. Timo Jämsä



Service

- IUPESM AC member, 2018-2022
- Co-Chair, IUPESM Edn & Trg Comm, 2018 - 2022
- IFMBE AC and EA-RGR, 2016-2021
- President, EAMBES, 2019-2021

Achievement

- Leadership and significant contribution in biomedical engineering education and research locally, at the European level, and internationally

Honours and Awards

- EAMBES Fellow (2016)
- Knight, First Class, Order of the White Rose of Finland (2011)
- Clinical Biomechanics Award 2004, European Society of Biomechanics

IUPESM Fellow: Prof. Geoffrey S. Ibbott



Service

- IUPESM AC Member, 2018 – 2022
- Serve in various IUPESM Committees
- IOMP Scientific Com Chair 2013 – 2022
- AAPM Award and Honors Com Chair
- AAPM President
- ABR Board of Governors member
- IEC 62C Chair

Achievement

- Leading specialist on radiotherapy - dosimetry standards and uncertainty of calibrations

Honours and Awards

- Farrington Daniels Award
- AAPM Fellow
- IOMP Fellow
- ACR Fellow
- ASTRO Fellow

IUPESM Fellow:
Prof. Stephen Keevil



Prof. Stephen Keevil
King's College London, UK



Service

- IUPESM AC Member, 2018 – 2022
- IUPESM HTTG Chair, 2018 – 2022
- Serve in various IUPESM Committees
- IOMP Company Group, 2015 – 2018
- President IPEM, UK 2013-2015

Achievement

- Leading role in the Alliance for MRI, related to the EU Physical Agents (EMF) Directive
- Active member of the pioneering e-learning projects
- Active role in establishing IOMP Company

Honours and Awards

- Co-awarded EU Leonardo da Vinci Award
- IPEM Fellow
- IoP Fellow
- ESMR Fellow
- Honorary Member, Royal College of Radiologists

IUPESM Fellow:
Prof. Leandro Pecchia



Prof. Leandro Pecchia
Warwick University, UK



Service

- IUPESM AC member, 2018 - 2022
- IUPESM Secretary General, 2018 - 2022
- IFMBE AC and Chair, HTA Division, 2015- 2018

Achievement

- Significant contribution in enhancing biomedical signal processing for patient monitoring in real setting, using wearable sensors and machine learning.

Honours and Awards

- Pilot Manager, Odin Project, 2020
- Large Scale Pilot Manager, Gatekeeper Project, 2019
- IFMBE Young Investigator Competition Award, ICBHI 2019 Taiwan
- Clinical Engineering Best Paper Award, 2018
- Fellow, British Higher Education Academy, 2017

IUPESM Fellow: Late Prof Hiroshi Abe



For his contribution as Co-Chair, Organizing Committee, 5th IUPESM World Congress on Medical Physics and Biomedical Engineering, 1991 held in Kyoto, Japan.

IUPESM Fellow: Late Prof Walter Bleifeld



For his contribution as Co-Chair, Organizing Committee, of the 2nd IUPESM World Congress on Medical Physics and Biomedical Engineering, 1982 held in Hamburg, Germany

IUPESM Fellow: Late Prof Lodewijk Bos



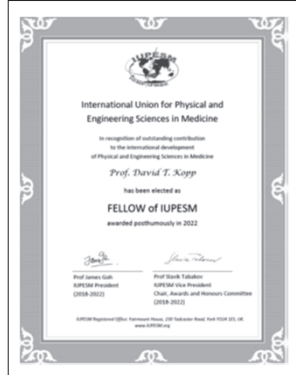
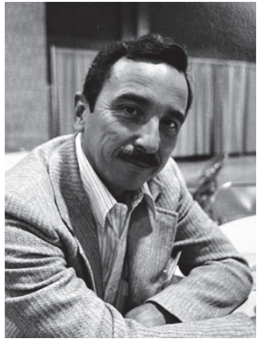
For his contribution as Co-Editor-in-Chief (2007-2018) of the IUPESM journal, Health & Technology published by Springer-Nature

IUPESM Fellow: Late Prof Dieter Harder



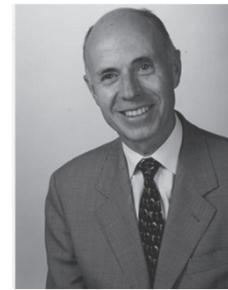
For his contribution as Co-Chair, Organizing Committee, of the 2nd IUPESM World Congress on Medical Physics and Biomedical Engineering, 1982 held in Hamburg, Germany

IUPESM Fellow: Late Prof David Kopp



For his contribution as Co-Chair, Organizing Committee, 4th IUPESM World Congress on Medical Physics and Biomedical Engineering 1988, held in San Antonio, Texas, USA

IUPESM Fellow: Prof. Pierre Aletti



For his contribution as Co-Chair, Organizing Committee, 7th IUPESM World Congress on Medical Physics and Biomedical Engineering, 1997 held in Nice, France.

Brief Biography:

- Past president of the French Society of Hospital Physicist (1982-1985),
- Member of the ESTRO Board(1988-1991),
- Member of the Scientific Committee of ESTRO (1988 – 1992)
- French IOMP delegate (1994-1997)
- Correspondent member of the AAPM (American Association of Medical Physicists)
- Co-Chairman of the NGO "PMSF": Medical Physicist without border
- Collaboration with Morocco (Since 1978) for creating and then supporting the Cancer Institute in Rabat: IHO Moulay Ben Abdallah
- PMSF (Medical Physicist without Border NGO) Mission in Cameroon 1993 (Douala and Yaounde) and in Senegal(2000)
- Co-Chairman " PMSF" : Medical Physicist without border (several missions in Cambodia and in Vietnam)
- Missions in Tunisia as expert Physicist (2008-2011)
- Expert physicist in Antananarivo (Madagascar)

IUPESM Fellow: Prof. Carlos de Almeida

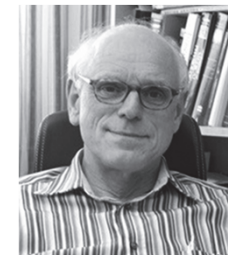


For his contribution as Co-Chair, Organizing Committee, 6th IUPESM World Congress on Medical Physics and Biomedical Engineering 1994, held in Rio de Janeiro, Brazil.

Brief Biography:

- Full Professor in Medical Physics, Rio de Janeiro University
- Fellow M.D. Anderson Hospital
- Visiting Scientist Institut Gustave Roussy -1997
- Visiting Scientist Institut Pierre-Marie Curie-2010
- Certified by the American Board of Medical Physics
- Fellow AAPM and IOMP
- Creator of the Brazilian Board in Medical Physics – 1979
- Former Director of the Brazilian SSDL
- Former Member of the IAEA -SSDL Scientific Committee- 1983-1989
- Founding and Program Director of the National QA Program in Radiotherapy 2007-2010
- Founding and Program Director the Professional Master's degree in Medical Physics-2017to now
- IAEA expert in Several Technical and Teaching in Latin America Missions

IUPESM Fellow: Prof. Per Nils Åke Ask



For his contribution as Chair, IUPESM Union Journal Committee (2015-2018) overseeing the IUPESM's journal Health & Technology

Brief Biography:

- IFMBE Nomination and Awards Committee
- 2018 IFMBE Honorary Life Member
- Head and Board member, AgoraLink 2007– 2012 Program for doctoral students
- Chairman, Swedish Association for Medical Engineering and Physics
- Chairman of the Prize committee of Erna Ebelings Prize in Biomedical Engineering, The Swedish Society of Medicine, 2005 – 2020
- Board member, NIMED Center of Excellence (Center for Non-Invasive Medical Measurement Techniques) 1996-2006.
- 1980 Fogarty Visiting Fellow, NIH, USA
- 1989 Fernströms prize for development of method for physiological pressure and flow measurements
- 1997 Awarded a JSPS guest professorship at Nara Institute of Science and Technology
- 1997 Erna Ebelings prize for research in the field of biomedical engineering

IUPESM Fellow: Prof. Gilda Barabino



For her contribution in IUPESM Women in Medical Physics and Biomedical Engineering for solutions to gender balance in STEM fields through support, training, education and mentoring.

Brief Biography:
Gilda A. Barabino has pioneered new engineering approaches to problems in medicine. Her seminal research in sickle cell disease has informed current technologies and formed the basis for novel therapies. She is a passionate advocate for health equity and leads national efforts to engage engineers in the development of solutions to health disparities.

Dr. Barabino is the second president of Olin College of Engineering, before this she served as Dean of The Grove School of Engineering at The City College of New York and held appointments in the Departments of Biomedical Engineering and Chemical Engineering, and the City University of New York School of Medicine. There she established the Master's in Translational Medicine, a program that addresses unmet clinical needs through the integration of engineering, medical innovation and entrepreneurship.

Dr. Barabino is an internationally recognized thought leader and highly sought-after speaker and consultant on race/ethnicity and gender in science and engineering, with particular focus on creating cultures and climates that support a sense of belonging. She has led a number of initiatives in these areas, including serving as the founder and Executive Director of the National Institute for Faculty Equity.

In recognition of her visionary leadership and outstanding professional achievement, Dr. Barabino has received many of the highest honors in academia. In 2021, she was elected to the American Academy of Arts and Sciences. In 2021, she was also an elected member of the National Academy of Engineering and the National Academy of Medicine. She is a fellow of the American Association for the Advancement of Science, the American Institute of Chemical Engineers, the American Institute for Medical and Biological Engineering, and the Biomedical Engineering Society. She is president of the American Association for the Advancement of Science, the world's largest interdisciplinary scientific society.

IUPESM Fellow: Prof. Lip Teck Chew



For his contribution as Co-Chair, Organizing Committee, 15th IUPESM World Congress on Medical Physics and Biomedical Engineering 2022, held in Singapore.

Brief Biography:

Lip Teck is the Chief Physicist at the Radiation Oncology Suite at Farrer Park Hospital, Singapore. He holds a Bachelor of Science in Physics and a Master of Medical Physics from the University of Malaya, Kuala Lumpur. His clinical interest and responsibilities include automation both in radiation treatment planning and quality assurance processes. He has been an active member and President of the Society of Medical Physicists (Singapore) since he joined. He setup and commissioned full Varian Solutions at the Tan Tock Seng Hospital and full Elekta Solutions at the Farrer Park Hospital.

IUPESM Fellow: Prof. Stelios Christofides



For his contributions as President of IOMP Regional Organisation in Europe (EFOMP) and Co-organiser of MEDICON to host IUPESM AC meeting

Brief Biography:

Consultancy services for Radiation Protection and Medical Physics, with extensive experience in Diagnostic and Interventional Radiology, Nuclear Medicine, Radiation Protection and Non-ionising radiation. Extensive knowledge of the relevant European Union Directives and guidelines as well as those of the IAEA. Education and Training in the above areas of expertise is part of the offered services.

Consultancy services for meeting the requirements of the Medical Devices regulations and their transposition to the Cypriot Legislation. Extensive knowledge of the relevant European Union Directives and guidelines. Education and Training in the above areas of expertise is part of the offered services.

Collaborate with the Cyprus Certification Company as a Technical Expert during ISO 9000 audit.

IUPESM Fellow: Prof. Jaromir Cmíral



For his contribution as Co-Chair, Organizing Committee, 14th IUPESM World Congress on Medical Physics and Biomedical Engineering 2018, held in Prague, Czech Republic.

Brief Biography:

- 2018: Co-chair of organizing committee of IUPESM world congress.
- 2018: Gold Honorary Medal of the Czech Medical Association for merits.
- 2018: Honorary President of Czech Society for Biomedical Engineering and Medical Informatics.
- 2011-2018: President of Czech society for biomedical engineering and medical informatics.
- 2005: President of 3rd European Medical & Biological Engineering Conference: EMBE European Conference on Biomedical Engineering EMBEc 2005.
- 1991: President of Czechoslovak conference with international participation (Denmark, Hungary, Slovenia) on Biomedical Engineering.
- 2010: Cross of Merits of the Ministry of Defence.
- 2009: Commemorative Medal for the 10th anniversary of the Czech Republic's accession to NATO.
- 2004: Commemorative Medal of Military Medical Academy.
- 1999: Honorary Medal of Czech Medical Association for merits.
- 1990-1992: President of Czechoslovak society for biomedical engineering.
- 1998: Silver Medal Władysława Pola (Poland Republic) for merits in the development in aviation medicine.
- 1985: Commemorative Medal of Czechoslovak Society for Science and Technology.

IUPESM Fellow:
Prof. Yadin David



For his contribution as Co-Chair, IUPESM Health Technology Task Group (2015-2018) to assist countries in defining their health technology needs.

Brief Biography:

Dr. David is a principal at Biomedical Engineering Consultants, LLC. He holds an adjunct academic appointment at the University of Texas - School of Public Health. In addition, he is also Honorary Director of Clinical Engineering at Capital Medical University in China. Dr. David has served as chairman and member of FDA advisory panels. He is a recipient of the FDA commissioner's special citation for protection of the public, the 2008 ACE/AAMI Humanitarian Engineering award, the 2011 Lifetime achievement award, the Italian and Chinese clinical engineering associations' awards, and was elected in 2018 into the Hall of Fame of the American College of Clinical Engineering. He was also inducted into the WVU Academy of Distinguished Alumni of Engineering and Computer Science and into the WVU Academy of Chemical Engineering. Has served as technical adviser to the World Health Organization (WHO), as founder and 1st president of the Center for Telemedicine and e-Health Law (CTeL) in Washington, D.C., and as Editor-in-Chief of Global Clinical Engineering Journal (www.GlobalCE.org), and Interim President, Global Clinical Engineering Alliance (www.GlobalCEA.org). Dr. David helped found the International Clinical Engineering and Health Technology Management Congress, the Global CE Day, and serves as chairman of the Global CE Summits. He served as the founder & first president of the American College of Clinical Engineering (ACCE), and of the nonprofit Healthcare Technology Foundation (www.thehtf.org).

IUPESM Fellow:
Prof. Olaf Doessel



For his contribution as Co-Chair, Organizing Committee, 11th IUPESM World Congress on Medical Physics and Biomedical Engineering 2009, held in Munich, Germany.

Brief Biography:

Olaf Doessel is Professor at the Institute of Biomedical Engineering at Karlsruhe Institute of Technology (KIT) since 1996. Before he was head of a research department at Philips Research Laboratories in Hamburg. He has or had several honorary posts, among them: member of the management board of the German Association of Biomedical Engineering (DGBMT) and the German Association for Electrical, Electronic & Information Technologies (VDE), Dean of the department of Electrical Engineering and Information Technology at KIT. He is member of several academic societies, among them: the Academy of Science of Berlin-Brandenburg (BBAW), the German Academy of Technical Sciences (acatech), the North Rhine-Westphalian Academy of Sciences, Humanities and the Arts. He is member of the advisory board of the Physikalisch Technische Bundesanstalt (the German Metrology Institute). He is Fellow of the International Academy for Medical and Biological Engineering (IAMBE) and Fellow of the European Alliance of Medical and Biological Engineering and Science (EAMBE). In 2009 he was together with Wolfgang Schlegel President of the World Congress on Medical Physics and Biomedical Engineering in Munich and in 2019 he was Program Chair of the IEEE Engineering in Medicine and Biology Conference (EMBC) in Berlin, both with more than 3000 participants. He is Editor in Chief of the Journal Biomedical Engineering / Biomedizinische Technik. He is member of the board of Computing in Cardiology Circ. His main interests are bioelectric signals, computer modeling of the heart, the inverse problem of Electrocardiography, ECG biosignal processing, and new methods of medical imaging.

IUPESM Fellow:
Prof. Anthony Charles Easty



For his contribution as Co-Chair, Organizing Committee, 13th IUPESM World Congress on Medical Physics and Biomedical Engineering 2015, held in Toronto, Canada.

Brief Biography:

For the past ten years, my area of research focus has been the usability and safety of medical technologies throughout the health care system in a wide variety of environments of use, with a special focus on medication safety and safety in home care. I have participated in the establishment of a Healthcare Human Factors Group and the HumanEra Team comprising a total of fifteen expert staff, educated at the PhD and Masters levels in human factors engineering, cognitive psychology and biomedical engineering.

In July 2010, I was appointed the Inaugural Chair-holder of the Baxter Chair in Health Technology at the University Health Network/University of Toronto. This appointment allows me to focus full-time on research in health technology safety. I lead the Health Technology Safety Research Team, a team of eight PhD and Masters-trained individuals with academic preparation in biomedical engineering, human factors engineering and cognitive psychology.

IUPESM Fellow:
Prof. Yubo Fan



For his contribution as Co-Chair, Organizing Committee, 12th IUPESM World Congress on Medical Physics and Biomedical Engineering 2012, held in Beijing, China.

Brief Biography:

Professor Yubo Fan is founding dean of the School of Biological Science and Medical Engineering of Beihang University. He is also the Director of Beijing Advanced Innovation Centre for Biomedical Engineering, and Director of Key Laboratory for Biomechanics and Mechanobiology of Ministry of Education. He is a Changjiang Scholar and served in many research or training programs and committees, including the leader of Innovation group of National Science Fund of China (NSFC, 2015). He is the Fellow of AIMBE, IAMBE and the FISE. Dr. Fan is past president of Chinese Biomedical Engineering Society (CSBME, 2008-2012, 2012-2015), past Chair of World Association for Chinese Biomedical Engineers (WACBE, 2017-2019), and the past council member of World Council of Biomechanics (2002-2014). He is vice president of China Strategic Alliance of Medical Devices Innovation. Dr. Fan has made significant contributions in the following areas: (1) Biomechanical analysis, design and manufacture of biodegradable implants, (2) Mechanobiological study on cells under the physiological pulsatile flow, (3) Biomechanism of human impact injuries and protection. Dr. Fan has published more than 600 articles in scientific journals such as Advance Materials, Advanced Functional Materials, Biomaterials, ACS Nano, Material & Design etc with H-index 66. He has filed more than 100 patents and is active in translational research.

IUPESM Fellow:
Prof. William R. Hendee



For his contribution as Co-Chair, Organizing Committee, 8th IUPESM World Congress on Medical Physics and Biomedical Engineering 2000, held in Chicago, USA.

Brief Biography:

Dr. Hendee holds the title of Distinguished Professor of Radiology, Radiation Oncology, Biophysics and Bioethics at the Medical College of Wisconsin. He is certified in Radiologic Physics by the American Board of Radiology and in Health Physics by the American Board of Health Physics. He has been a Director of the American Board of Health Physics and the Health Physics Society, chairman of the Diagnostic Physics and Quality and Safety Committees for the American Board of Radiology, and Past-President of the American Board of Radiology. He is past president of the American Association of Physicists in Medicine, the Society of Nuclear Medicine, the American Institute of Medical and Biological Engineering, the 2000 World Congress on Medical Physics and Biomedical Engineering, and past vice president of the National Patient Safety Foundation. He is currently President and Chief Executive Officer of the Commission on the Accreditation of Medical Physics Educational Programs. In 2010 he was awarded the American College of Radiology Gold Medal Award. He received an honorary doctorate from Millisaps College in 1988 and from the University of Patras, Greece in 2009. Other awards include the Radiological Society of North America's Gold Medal, the Gold Medal from the American Roentgen Ray Society, the Sida Anderson Award of the Health Physics Society, and the William D. Coolidge Medal from the American Association of Physicists in Medicine.

IUPESM Fellow:
Prof. David Jaffray



For his contribution as Co-Chair, Organizing Committee, 13th IUPESM World Congress on Medical Physics and Biomedical Engineering 2015, held in Toronto, Canada.

Brief Biography:

Dr. David Jaffray is a Board Certified in the discipline of Medical Physics by the American Board of Medical Physics. He is a senior vice president and chief technology and digital officer (CTDO) at The University of Texas MD Anderson Cancer Center and a Full Professor in Radiation Physics and Imaging Physics. Before joining MD Anderson, Dr. Jaffray served as executive vice president for Technology and Innovation at the University Health Network in Toronto. In the 17 years there, he also served as Head of Medical Physics, vice chair of Research for the University of Toronto's Department of Radiation Oncology, founding director of the STARR Innovation Centre, and founding director of the Techna Institute. He was a Full Professor in the Departments of Radiation Oncology, Medical Biophysics, and IBME at the University of Toronto and was active in strategic planning, teaching, and graduate student supervision. He has received many honors, including the Sylvia Sorokin-Greenfield Award, the Farrington Daniels Award and the Sylvia Fedoruk Award. In 2018, he received the Gold Medal from the American Society for Radiation Oncology and was invited to join the US National Academy of Inventors in 2022. Dr. Jaffray has led the development of a variety of commercial products, including software and hardware for safe, high-quality cancer care and including the development of cone-beam CT guided radiation therapy.

IUPESM Fellow:
Prof. Tapani Jauhainen



For his contribution as Co-Chair, Organizing Committee, 3rd IUPESM World Congress on Medical Physics and Biomedical Engineering 1985, held in Helsinki (Espoo), Finland

Brief Biography:

M.D. Ph.D. Helsinki University 1974, Chief Physician of Department of Audiology Linköping University Hospital, Sweden 1972 - 1974, Specialist in Phoniatrics, Helsinki University 1975, Specialist in Audiology, Helsinki University 1979, Associate Professor of Audiology, Linköping University 1975, Associate Professor of Speech and Language Therapy, Helsinki University 1980-1983, Chief Physician of Hearing Center, Department of Otorhinolaryngology, Helsinki University Hospital, 1974 - 2001, Secretary of the Nordic Audiological Society, NAS 1983 - 1985, President of the Nordic Audiological Society, NAS 1985 - 1991, Secretary of the International Association of Physicians in Audiology, APA 1987 - 1997, Promoter and Board member of the Finnish Society for Medical Physics and Medical Engineering. Scientific Publications on sensory physiology, audiology, phoniatrics, speech therapy and phenomenology.

IUPESM Fellow:
Prof. Libor Judas



For his contribution as Co-Chair, Organizing Committee, 14th IUPESM World Congress on Medical Physics and Biomedical Engineering 2018, held in Prague, Czech Republic.

Dr Judas is a Senior Researcher at the National Radiation Protection Institute Prague where he is Head of Calibration Laboratory. He was Head of Medical Physics Department of the General Teaching Hospital in Prague (1999 - 2008). In the 1990s, he was a research worker of the Danish Cancer Society, Department of Experimental Clinical Oncology, Aarhus, Denmark. He served at the Branch Board of the Doctoral Study Program (Medical Physics) at the Czech Technical University in Prague (CTU). He was also a member of the Examination Board for Master Examination in Medical Physics, CTU and the Examination Board and Certification Board for Medical Physics experts at the Ministry of Health. He was a member of the Accreditation Committee for CPD, Ministry of Health (1995 - 2005). He served as the President (2004 - 2010) of the Czech Association of Medical Physicists.

IUPESM Fellow: Prof. Sun Il Kim



For his contribution as Co-Chair, Organizing Committee, 10th IUPESM World Congress on Medical Physics and Biomedical Engineering 2006, held in Seoul, South Korea.

Brief Biography:

- Past President, The Korean Society for Medical and Biological Engineering
- 2011 President, Medical Device Development Center
- Osong Medical Innovation Foundation
- 1988 Professor and Director, Dept. of Biomedical Engineering Hanyang University, Seoul, Korea.
- 2003-2005 Director General, Korea Science and Engineering Foundation (KOSEF)
- 1987-1988 Research Associate, Dept. of Biophysics & Physiology, Mayo Foundation, Rochester, MN, U.S.A.
- 1982-1987 Calhoun Endowed Research Fellow, Dept. of Biomedical Engineering, Drexel University, Philadelphia, PA, U.S.A.
- 1979-1982 Chief Engineer, Dept. of Biomedical Engineering, Seoul National University Hospital, Seoul, Korea.

IUPESM Fellow: Prof. Anchali Krisanachinda



For her contribution as President of SEAFOMP (2005-2012), Co-organiser of ICMP2016 in Bangkok, Thailand and for hosting the IUPESM AC meeting.

Brief Biography:

Anchali Krisanachinda, the Founding President of the Thai Medical Physicist Society, was the President of SEAFOMP from 2005 through 2012, one of the Founders of AFOMP and has been the AFOMP Treasurer since 2001. She was a member of the IOMP ETC and IAB for Asia (2003-2006), became the Chair of ETC (2006-2009) and joined the Validation and Accreditation Committee of ETC (2009-2012).

In 2002, she pioneered the graduate program in diagnostic radiology medical physics education, with IAEA support, at Chulalongkorn University. She is also a National Project Coordinator (NPC) of the IAEA Regional Cooperative Agreement RAS 6038 project: Strengthening of Medical Physics through Education and Training in Asia and the Pacific. She supervised the integration, of the IAEA training modules, to the clinical residency training programs in radiation oncology medical physics (ROMP) in 2007, diagnostic radiology medical physics (DRMP) in 2010 and nuclear medicine medical physics (NMMP) in 2011.

Dr. Krisanachinda has been dedicated to the promotion of medical physics, both nationally and internationally, serving a lifetime to the advancement of the science from the laboratory to the United Nations. She obtained "Outstanding Contributions Over the Last 50 Years" awards at ICMP 2013 at the 50th year of IOMP, Brighton, UK.

IUPESM Fellow: Prof. Luis Kun



For his contribution as Co-Editor-in-Chief (2007-2018) of the IUPESM journal, Health & Technology published by Springer-Nature

Brief Biography:

- IFMBE – Ad-Com 2009-2015 & IFMBE – Chairman of the Global Citizen Safety and Security WG, (2006 – 2018).
- 2022 President Elect IEEE Society for Social Implications of Technology (SSIT).
- IEEE EMBS Adcom 2020-2022
- IEEE –SSIT Board of Governors 2008– Present
- IEEE – Computer Society (CS) – Distinguished Visitor Program (DV9)/2003– 2017.
- IEEE EMBS – Distinguished Lecturer Program (DL) 2008-2013; 2016-2018.
- IEEE – SSIT Distinguished Lecturer (DL) 2010 – Present (Program Chair since 2016)
- 2019 – Medal of Honor from ARGENTINE Cyberdefense Command
- 2018 – IFMBE HONORARY LIFE MEMBER
- 2016 – Medal of Merit, the National Unit of Engineering Associations (UNAI) of Mexico.
- 2016 – Fellow, International Academy of Medical and Biological Engineering (IAMBE)
- 2016 – Life Fellow of the Institute of Electrical and Electronics Engineers (IEEE).

IUPESM Fellow: Prof. James C L Lee



For his contribution as Scientific Committee Co-Chair, Organizing Committee, 15th IUPESM World Congress on Medical Physics and Biomedical Engineering 2022, held in Singapore.

Brief Biography:

Dr Lee is the Chief Radiation Physicist and Chairman of the Radiation Safety Committee at NCCS. He manages the Medical Physics team and Radiotherapy Physics at the Division of Radiation Oncology and heads the Secondary Standard Dosimetry Laboratory (IAEA, SSDL network, Radiotherapy) for Singapore. He served as a special resource advisor to the Ministry of Health's PBT advisory committee. Since 2020, he has been serving as the President of the Society of Medical Physicists Singapore. He is actively involved in the South-East Asian region, organising the 2013 AOCMP-SEACOMP congress in Singapore and served as the President of SEAFOMP from 2015-2019. He was also in the initial group that formed the ASEAN College of Medical Physics with the key objective to enhance the training of Medical Physicists for the region. He introduced the first ROMP residency program in Singapore, was involved in various Medical Physics related projects, and was course director for a few IAEA regional training workshops. His research interests and publications are in radiation dosimetry, treatment planning and Monte Carlo simulation for radiotherapy and PBT. He was awarded the Institute of Physics' Singapore's Physics Award 2015 for his contribution to medicine and the AFOMP Outstanding Medical Physicists Award 2020 for his contribution to Medical Physics in Singapore and the region.

IUPESM Fellow:
Prof. Hwa Liang Leo



For his contribution as Scientific Committee Co-Chair, Organizing Committee, 15th IUPESM World Congress on Medical Physics and Biomedical Engineering 2022, held in Singapore.

Brief Biography
Prof Leo Hwa Liang is an Associate Professor in the Department of Biomedical Engineering at the National University of Singapore (NUS). He received his B.Eng. degree from Leeds University (1996), M.Eng. from Nanyang Technological University (2000) and M.S. and Ph.D. degrees from Georgia Institute of Technology (2001, 2005). Assoc Prof Leo's research interests lies at the intersection of fluid dynamics and medicine, specifically on cardiovascular engineering and biofluids. He is actively involved in the development of various novel medical devices, such as drug screening perfusion platform, artificial liver assist devices, mitral percutaneous heart valves, carotid stents, and left ventricle assist devices. Since 2009, Dr Leo's lab has generated over 300 peer-reviewed journal papers including 142 journal articles, 162 conference proceedings and book chapters. He is the Treasurer of the Biomedical Engineering Society (Singapore). He is the Co-chair of the Scientific Committee of the 15th World Congress on Medical Physics and Biomedical Engineering 2022, Singapore.

IUPESM Fellow:
Prof. Lenka Lhotská



For her contribution as Scientific Committee Co-Chair, Organizing Committee, 14th IUPESM World Congress on Medical Physics and Biomedical Engineering 2018, held in Prague, Czech Republic.

Brief Biography:
Lenka Lhotská, PhD, MIET, MIEEE, graduated as Master of Science in Electrical Engineering at the Czech Technical University in Prague (CVUT), Czech Republic and got PhD degree in Cybernetics from CVUT. Currently she is head of the Cognitive Systems and Neurosciences Department at the Czech Institute of Informatics, Robotics and Cybernetics and deputy head of Department of Natural Sciences of the Faculty of Biomedical Engineering, CVUT. Her research focus: Knowledge-based systems, application of artificial intelligence (AI) methods to medicine, digital signal processing, machine learning, semantic interoperability, mobile technologies in healthcare, electronic health records. She is scientific secretary of the Czech Society for Biomedical Engineering and member of Council of Societies of IFMBE, co-chair of the IFMBE WG of IFMBE, chair of the Women in Medical Physics and Biomedical Engineering TG of IUPESM, chair of the Working Group Personal Portable Devices of European Federation for Medical Informatics (EFMI) and member of the EFMI Council, and National representative in International Society for Telemedicine and eHealth (ISTeH). She was co-chair of the IUPESM World Congress 2018 and member of the PC EMBE 2005, regularly she is PC member of conferences on AI and ICT in health care.

IUPESM Fellow:
Prof. Chwee Teck Lim



For his contribution as Co-Chair, Organizing Committee, 15th IUPESM World Congress on Medical Physics and Biomedical Engineering 2022, held in Singapore.

Brief Biography
Professor Chwee Teck LIM is the NUS Society Chair Professor of Biomedical Engineering and Director of the Institute for Health Innovation and Technology at the National University of Singapore. His research interest is in the development of innovative microfluidic and wearable technologies for biomedical applications. He is a prolific researcher having co-authored over 450 journal publications including in Nature and Science and given more than 420 plenary/keynote/invited lectures. He is also a serial entrepreneur having started six companies to commercialize technologies developed in his lab. Prof Lim is globally recognized for his distinguished academic achievements as is evidenced by his elected Fellowship at the US National Academy of Inventors, the American Institute for Medical & Biological Engineering, the International Academy for Medical & Biological Engineering, the ASEAN Academy of Engineering and Technology, the Academy of Engineering, Singapore and the Singapore National Academy of Science. He and his team have garnered over 100 research awards and honours including Highly Cited Researcher, IES Prestigious Engineering Achievement Award, ASEAN Outstanding Engineering Achievement Award, Asian Scientist 100, Credit Suisse Technopreneur of the Year Award, Wall Street Journal Asian Innovation Award (Gold) and the President's Technology Award among others.

IUPESM Fellow:
Prof. Nigel Lovell



For his contribution as Co-Chair, Organizing Committee, 9th IUPESM World Congress on Medical Physics and Biomedical Engineering 2003, held in Sydney, Australia.

Brief Biography:
Nigel Lovell received the B.E. (Hons) and Ph.D. degrees from UNSW Sydney, Australia. He is currently at the Graduate School of Biomedical Engineering UNSW Sydney where he holds a position of Scientia Professor and Head of School, as well as Director of a newly established Tyree Institute of Health Engineering. He has authored 330+ journal papers and been awarded over \$100 million in R&D funding. Over his career he has mentored 70 PhD students and delivered more than a hundred keynote presentations and founded several med-tech startup companies. He is a Fellow of eight learned academies throughout the world. He has been actively involved in conference organising activities, including being the Conference Co-Chair of the IUPESM World Congress in Medical Physics and Biomedical Engineering that was held in Sydney in 2003.
His research work has covered areas of expertise ranging from cardiac and retinal modelling and neurophysiology, medical informatics and data analytics especially related to telehealth technologies, biological signal processing, and virtual prosthesis design. For 2017 and 2018 he was the President of the world's largest member-based biomedical engineering society – the IEEE Engineering in Medicine and Biology Society.

IUPESM Fellow:
Prof. Ronney Panerai



For his contribution as Co-Chair, Organizing Committee, 6th IUPESM World Congress on Medical Physics and Biomedical Engineering 1994, held in Rio de Janeiro, Brazil.

Brief Biography:
Dr Panerai was a Professor at the Federal University of Rio de Janeiro. In 1986 he was awarded the Manuel N Morales Young Investigator Prize from the Organization of American States (Washington DC). From 1978 to 1991 he was an advisor to the Brazilian National Research Council, a frequent consultant to the Pan American Health Organization and the first Editor-in-Chief of the Brazilian Journal of Biomedical Engineering (RBE). In early 1992 he took a Senior Lecturership position at the Division of Medical Physics, University of Leicester, UK and was awarded the chair of Physiological Measurement in 2000. This appointment included responsibility for physiological measurement services provided by the Department of Medical Physics, University Hospitals of Leicester NHS Trust. From 1992 to 2012 he served in the editorial boards of several peer-reviewed journals and was actively involved with the World Health Organization as a consultant on health technology assessment and health informatics. He is now an Emeritus Professor in the Department of Cardiovascular Sciences, University of Leicester, UK.

IUPESM Fellow:
Prof. Alfred R. Potvin



For his contribution as Co-Chair, Organizing Committee, 8th IUPESM World Congress on Medical Physics and Biomedical Engineering 2000, held in Chicago, USA.

Brief Biography:
Dr. Alfred Potvin began his academic career at UT Arlington in 1966 and served as the first Director of the Biomedical Engineering Program and founding chair from 1974 to 1984. Highly acclaimed throughout his career, Dr. Potvin is regarded as one of the outstanding leaders in biomedical engineering. In 1984, Dr Potvin founded and served as Director of the Medical Instrument Systems Division at Eli Lilly and Company in Indianapolis. He was the Chairman of the ASEE-Biomedical Engineering Division, and Chairman of the Education and Public Affairs Committee of BMES. He has served on the VA Rehabilitation Research and Development Merit Review Board, the FDA Physical Medicine Section of the Surgical and Rehabilitation Devices Panel, the Board of Directors for RMBS, and the Advisory Board of the Southern Biomedical Engineering Conference. Dr. Potvin has been President of the IEEE Engineering in Medicine and Biology Society. He became the Dean of Engineering and Technology at Indiana University and Purdue University. He established awards to recognize students with high academic and research performance.

IUPESM Fellow:
Prof. Simone Kodlulovich Renha



For her contribution as an active member of IUPESM Awards Committee (2018-2022)

Brief Biography:
Dr Renha is a researcher of the National Commission of Nuclear Energy (CENEN). For more than 10 years was head of Diagnostic Radiology Division of the "Instituto de Radioproteção e Dosimetria" (IRD/CNEN) and currently is working at the Radiation Protection and Safety Division. She is also the President of the National Committee for the Certification of Radiation Protection Officer of CENEN. Currently, she is a member of the Computed Tomography Accreditation Program of the Brazilian College of Radiology and Secretary of Brazilian Association of Technical Standards (ABNT) committee - CE 26.020.04 and IEC committee. And member-elect of the International Medical Physics Certification Board (IMPCB) and of the female medical physicist sub-group of IOMP. In the period of 2013-2015, she was a member of the Committee of Education and Training of IOMP. Currently is chair of the Honours and Awards committee of IOMP (2015-2018) and member of the Affiliated Commission 4 (ACC4) of the International Union of Pure and Applied Physics. Also is member of Brazilian Association of Medical Physics (ABFM). Participated in several scientific committees of medical physics congress (national and international), has publications in national/international journals as well as international conference proceedings. She was elected president of "Asociación Latinoamericana de Física Médica (ALFIM)" in 2010 for the period of 2010-2013 and re-elected for the period of 2013-2016. In 2017, was awarded with the Fellow of IOMP (FIOMP).

IUPESM Fellow:
Prof. Bernard Rigaud



For his contribution as Co-Chair, Organizing Committee, 7th IUPESM World Congress on Medical Physics and Biomedical Engineering, 1997 held in Nice, France.

Brief Biography:
Bernard Rigaud graduated with a Doctoral degree in Medical and Biological Medical Engineering in 1994 and HDR at the University of Toulouse 2-Paul Sabatier in 2003. He taught at Toulouse 2-Paul University -Sabatier from 2003 to 2004, then at the INU (National University Institute) Jean-François-Champollion from 2004. He was responsible for the biomedical technologies and methodologies sector. He was the senior university professor in biomedical engineering from 2006 to 2018. He also directed the School of Engineers in Computer Science and Information Systems for Health. In addition, he held the positions of Vice-Chairman of the Board of Directors (2006-2010), Deputy Director (2008-2010), then, since 2010, Director deputy general of the establishment. Bernard Rigaud has been a knight of the Order of Academic Palms since 2013.

IUPESM Fellow: Prof. Wolfgang Schlegel

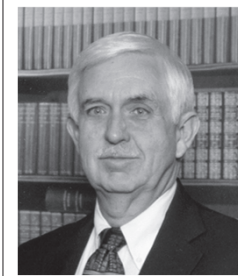


For his contribution as Co-Chair, Organizing Committee, 11th IUPESM World Congress on Medical Physics and Biomedical Engineering 2009, held in Munich, Germany.

Brief Biography:

Wolfgang Schlegel has made outstanding contributions to radiation therapy physics at the German Cancer Research Center in Heidelberg. Together with his colleagues, he developed novel radiation therapy technologies that significantly improved the precision and effectiveness of cancer therapy with ionizing radiation. His research covers important areas of radiotherapy physics and technology, such as 3D treatment planning, stereotactic radiosurgery, 3D conformal radiotherapy, intensity-modulated radiotherapy (IMRT), image-guided radiotherapy (IGRT), and ion therapy. His department has had a decisive influence on the precision and tailored dose distribution of the radiation. Prof. Schlegel has already received numerous prizes for his work: in 1996 he received the "Karl-Heinz Beckurts Prize" from the Federal Ministry of Education and Research for successful technology transfer and in 2001 he was nominated for the German Future Prize. In 2003 he received the German Cancer Prize, and in 2010 the German Society for Medical Physics awarded him the Glocker Medal for his lifelong commitment to medical physics. He has been an honorary member of the German Society for Radiation Oncology (DEGRO) since 2013.

IUPESM Fellow: Prof. Perry Sprawls



For his contribution as Co-Editors-in-Chief (from 2013) of the IUPESM-supported journal "Medical Physics International"

Brief Biography:

Perry Sprawls, Ph.D., is a clinical medical physicist and educator in medical imaging physics and clinical applications. He is currently Distinguished Emeritus Professor of Radiology at Emory University in Atlanta, concluding a 45-year career advancing the practice of radiology and medical imaging with an emphasis on the education of physicians, physicists, and other imaging professionals supporting the effective application of the new and evolving medical imaging methods, especially mammography, CT, MRI, and digital radiography. The extensive collection of his work is designated as the Sprawls Resources and is provided without cost for all to use by the Sprawls Educational Foundation online at www.sprawls.org. In his ten-year service as Founding Co-Editor in Chief of the Medical Physics International journal his major objective has been to provide publications to advance medical physics education around the world. In addition to creating and sharing educational resources for study and teaching his research and development in the medical physics education process has resulted in two of the AAPM Annual Innovation Awards, developing the concept and methodology of Collaborative Teaching (2010) and the process of Clinically Focused Physics Education (2011). The continuing efforts are to develop effective education activities for the evolving and advancing medical physics applications in clinical medicine with an emphasis on supporting medical physics educators around the world.

IUPESM Fellow: Prof. Tae Suk Suh



For his contribution as Co-Chair, Organizing Committee, 10th IUPESM World Congress on Medical Physics and Biomedical Engineering 2006, held in Seoul, South Korea.

Brief Biography:

Professor Suh is a professor of Medical Physics at Dept. of Biomedical Engineering, director in "Research Institute of Biomedical Engineering" and "Advanced Research Center for Medical Physics" at the Catholic University of Korea. He obtained BS in nuclear engineering from Seoul National University of Korea and received MS and Ph.D in medical physics from the University of Florida, USA. Professor Suh's career has spanned more than 40 years, a period which has witnessed huge advances in radiosurgery hardware and planning systems. He has contributed greatly towards the development of radiosurgery optimization techniques. He was the first to undertake flattening filter free (FFF) beam-based radiosurgery in a clinical setting. He also pioneered many other technologies, including the development of the radiation treatment planning system and 3T active shield magnetic resonance imaging.

As Secretary General of AFOMP during 9 years since 2003, he has been doing a lot of job in promoting the development of medical physics on a global basis. As President of AFOMP, he provided an effective solid platform for closer collaboration and mutual support amongst the medical physics organizations in the AFOMP. He has been working as a chair, publication committee of IOMP for 6 years. He also has worked as IMPCB Record and Registry Committee (RR) chair. Professor Suh received awards from IDMP and AFOMP: outstanding contribution over the last 50 years (2013), IDMP (2020), Kyonari Inamura memorial AFOMP Orator (2021) etc. Dr. Suh published over 300 peer-reviewed papers and more than 1300 proceedings.

IUPESM Fellow: Prof. Raymond K. Wu



For his contribution as Co-Chair of the IUPESM Education and Training Committee (2015-2018)

Brief Biography:

Raymond K. Wu, Ph.D., DABR, DABMP, FACMP, FAAMP, FIOMP earned his PhD degree in Physics from Dartmouth College in USA in 1974. He completed his postdoctoral training in the Department of Radiation Therapy and Nuclear Medicine at Thomas Jefferson University Hospital in Philadelphia. He worked as a clinical medical physicist with teaching responsibilities in Temple University Medical School in Philadelphia holding a joint appointment as Associate Professor in the Radiotherapy Department and the Nuclear Medicine Department. Since 1985, he held the position of Professor of Radiation Oncology at the Eastern Virginia Medical School in Norfolk Virginia and served as the chief physicist in the Radiation Oncology department of its affiliated hospitals until 2002. From 2002 to 2008 he was Chief of Physics in the Radiation Oncology Department of the OhioHealth Medical System in Columbus Ohio. From 2008 to 2015 he was the Chief of Physics in the Department of Radiation Oncology & CyberKnife of the University of Arizona Cancer Center, and was also the Chief of Physics of the Gamma Knife section of the Barrow Neurological Institute, both in Phoenix, Arizona. Dr. Wu is serving as the Chief Executive Officer of the International Medical Physics Certification Board (IMPCB) since 2014. Dr. Wu has been active in promoting the quality of medical physics in developing countries. He served as the Chair of the AAPM International Affairs Committee from 2006 to 2012, IOMP Professional Relations Committee from 2009 to 2014. In 2013 he was named a Fellow of the IOMP in Brighton, UK.