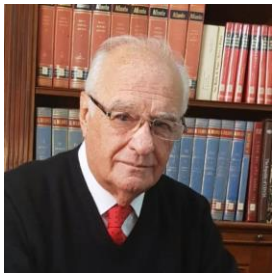
JUAN CARLOS FERRERI



Juan Carlos Ferreri graduated as Aeronautical Engineer at the La Plata University in 1967 and has dedicated his professional career to the field of computational fluid mechanics and heat and mass transfer. He is considered a pioneer in Argentina in this field. He lives in Adrogué, Argentina since he was a boy, married Norma, and has three children, Federico, Cecilia, and Víctor, and three grandchildren. For thirty years, he has devoted his work to Nuclear Safety and Engineering in the regulatory field at the Nuclear Regulatory Authority of Argentina (ARN). He has also contributed in the field of Archaeometry of prehistoric fire hearths using numerical models for more than three decades.

He is currently: a) Fellow Member at the National Academy of Sciences of Buenos Aires –ANCBA (since 2009); b) Retired Researcher at the National Research Council (CONICET) and c) President of the Board of Directors at ANCBA, from 2017 to 2021. He has received the Senior 2004 Award for Research, Professional and Teaching Achievements in Argentina from the Argentinean Association for Computational Mechanics (AMCA). He has been a Member and President of the Argentine Committee for Heat and Mass Transfer (CONICET). He has also been a professor at different universities for short periods and a member of advisory committees at the university, CONICET, and other institutions. He currently lectures on numerical methods as applied to natural circulation in nuclear installations and heat transfer effects in soils for archaeometry purposes in Argentina and abroad. He also performs as a reviewer for some international learned journals and has also been a member of the Scientific Committees and Honorary and Organizing boards at many scientific meetings.

He has taught on numerical methods, mainly at postgraduate courses in Argentina and abroad (Italy, USA, China, France, and Perú) and is usually an external member of examination staffs for Ph.D./MSc theses (more than thirty up to now) and has been external peer in Advisory Committees for Nuclear Engineering, Instituto Balseiro, for the selection and promotion of Nuclear Engineering professors in many opportunities and to the Engineering careers accreditation institution (CONEAU). In the period 1995-2010, he developed an intense research activity in collaboration with researchers at the University of Pisa, in the particular field of systems computer codes for Nuclear Safety analysis of nuclear installations. In the field of Radiological Safety has been (seven years, up to retirement) the Manager of the Scientific Support Branch to the ARN and lead the accreditation (ISO 17025) of various laboratories for radionuclide concentration and ionizing radiation determination.

He has published more than one hundred papers in his fields of expertise and has delivered tens of seminars and invited conferences in Argentina and abroad.