

**Prof. Aristide Fausto Massardo** – Hon.Ph.D.

**Present Appointment:**

- **Full Professor of Energy Systems**, DIME, Polytechnic School, University of Genoa, Genoa, Italy, since 2001.
- **UNESCO Chair “Innovative Sustainable Clean Energy Research and Education”**, University of Genoa, Genoa, Italy, 2020-2024.

**Main duties at present appointment:**

- **Director Rolls-Royce Fuel Cell Systems University Technology Centre** (RRFCS-UTC), established at University of Genoa, since 2004.
- **Director Fincantieri-University of Genoa Joint lab. “Genoa-HISEA”** (Hydrogen Initiative for Sustainable Energy Applications), since 2016.
- **Member Scientific Advisory Board CEA** Commissariat à l'énergie atomique et aux énergies alternatives– Energy Division, Saclay – Paris, France, 2020-2024.
- **President**, IREN Genoa Committee, since 2015.

**Past Appointment**

- **Chair Panel Consolidator Grant** “PE08 Process and Industrial Engineering” of the **European Research Council - ERC**, H2020, European Union, 2014-2018.
- **Member Scientific Committee Joint Undertaking FCH2 H2020**, Bruxelles, 2018-2021.
- **Member Governing Board European Turbine Network** ETN, 2018-2020.
- **Dean Polytechnic School** (formerly Faculty of Engineering and Faculty of Architecture) 2012 – 2018.
- **Member Scientific Committee** Research and entrepreneurship foundation, Rome, 2021-2023.
- **Chair Closed Cycle Technical Committee International Gas Turbine Institute (IGTI) American Society of Mechanical Engineers** (ASME) 1992-1995,
- **Chair Cycle Innovations Technical Committee International Gas Turbine Institute (IGTI) American Society of Mechanical Engineers (ASME)** 2002-2005.
- **Visiting Professor** at several international Universities: **Cranfield (UK), Washington St. Louis (US), Tokyo and Osaka (Japan), ETH Zurich (CH), California at Irvine and California at Davis (US), Istituto Tecnologico de Aeronautica S. José dos Campos (Brasil), Shibaura Institute of Technology Tokyo (Japan)** .
- **Visiting scientists** at **NETL-DOE Morgantown WV**, 2005, 2012, 2014, 2016, 2018.
- **Visiting scientists** at **IESE, Barcelona** (Spain), 2007.
- **“More Experienced researcher”** under **Marie Curie “EnSOFC” grant** (2007 – 2010), at RRFCS laboratories, Loughborough, UK.
- **“More Experienced researcher”** under **Marie Curie “Bio-SOFC” grant** (2007 – 2010), at AGH University laboratories, Krakow, Poland.
- **Member** of the **Academic Senate University of Genoa** 2009-2012.
- **Deputy Dean Faculty of Engineering**, 2005-2008.
- **Director Doctorate in Energy Systems Engineering**, 2011-2012.

**4. Research activity and results**

Prof. Massardo is the coordinator of the **Thermochemical Power Group** ([www.tpg.unige.eu](http://www.tpg.unige.eu)) since 1998. In the group about 35 researchers between permanent staff, post docs, and Ph.D. students are active. TPG financial support is about **65% at international level** (companies, US government, and UE programs, while less than 20% is from Italian Government). TPG average **funds per year are about 2,5 M€** based on the last 25 years data. In the same period, he has been involved in **more than 40 EU research projects (FP5, FP6, FP7, H2020, Horizon Europe)**, and in many other international collaborations including the one with