CURRICULUM VITAE

- Assunta Andreozzi was born in Aversa (CE) on the 12th May 1972. She received her degree in Aerospace Engineering, cum laude, from Seconda Università degli Studi di Napoli in 1998. From May 2001 to July 2001 she had her research activity relating to thermal and fluid dynamic analysis of cavity in natural convection under the leadership of Prof. Jaluria of the Mechanical and Aerospace Engineering, Rutgers, the State University of New Jersey, USA. From November 2001 to October 2002, she collaborated in a research activity financed by European Social Fund for the Campania Region, on P.O. "Research, Technological Development and Executive Training 1994/99". This was part of the research project titled:" Structural optimization methodologies based on advanced techniques oriented toward rational use of energy"a project tutored by Prof. Scaramuzzino Francesco of the Department of Aerospace Engineering of the Seconda Università degli Studi di Napoli. She received her PhD degree in Aerospace Science and Technology from the same University in 2001. She was a researcher at the Faculty of Engineering of the Università di Napoli Federico II from 2002 until 20th December 2011. She was Associate Professor in Fisica Tecnica, always in the Università degli studi di Napoli Federico II, from 20/12/2011 until 15/01/2021. She has been Full Professor in Fisica Tecnica, always in the Università degli studi di Napoli Federico II, from 15/01/2021 until now.
- She has been the co-author of about 200 scientific papers published in international journals and presented at national and international conferences. She has been in charge of research projects funded by the Ente nazionale per le energie alternative (ENEA), Ministero dell'Università and Regione Campania.
- Professor Andreozzi is co-author of 111 papers indexed in Scopus database with a total of 1024 citations and an "h index" equal to 18.
- She is in the Editorial Board of Advances in Mechanical Engineering and she is associate editor of Journal of Thermal Engineering.
- She is a member of the Unione Italiana di Termofluidodinamica. She was in the Organizing Committee of

• XXIV Congresso Nazionale UIT sulla Trasmissione del Calore, Napoli Italy, 21-23 June 2006

•ASME-ATI-UIT 2010 Conference on Thermal and Environmental Issues in Energy Systems, Sorrento (NA) Italy, 16-19 May 2010

•5th International Conference on Diffusion in Solids and Liquids Mass Transfer, Heat Transfer and Microstructure and Properties, DSL-2009, Roma Italy, 24-26 June 2009

•1st International Conference on Computational Methods for Thermal Problems, Napoli Italy, 8-10 September 2010

•ASME-ATI-UIT 2015 Conference on Thermal Energy Systems: Production, Storage, Utilization and the Environment, Napoli Italy, 17 -20 May 2015.

•7th International Symposium on Advances in Computational Heat Transfer, CHT-17, Napoli Italy, 28 May - 02 June 2017

Her current research fields are:
1) Natural and mixed convection in channels and in open-ended cavities

- 2) Indoor Environmental Control
- 3) Analysis and design of solar energy systems
- 4) Heat Transfer in porous media
- 5) Fire safety engineering
- 6) Bio heat transfer

- She is reviewer for:

- International Journal of Thermal Sciences
- International Journal of Numerical Methods for Heat and Fluid Flow
- Experimental Thermal and Fluid Science
- International Journal of Chemical Reactor Engineering
- International Journal of Heat and Technology
- Mechanics Research Communications
- Building and Environment
- International Journal of Heat and Mass Transfer
- Applied Thermal Engineering
- International Journal for Numerical Methods in Biomedical Engineering
- She is the Lead Guest Editor of the Special Issue "Novel Analytical and Numerical Methods in Heat Transfer Enhancement and Thermal Management" in Journal of Applied Mathematics, 2016.

Aversa, 08 August 2022

Assunta Andreozzi