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PROF. Gianpaolo Ruocco

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SCIENTIFIC CURRICULUM VITAE:

Associate professor (tenured position) of Engineering Thermodynamics.

He graduated with a Laurea degree in Mechanical Engineering (summa cum laude) at the University of Naples "Federico II" in 1985. Then he graduated with Master of Science in Mechanical Engineering (GPA A-) at the Tufts University -School of Engineering (USA) in 1987. He took a Ph.D. in "Thermomechanical Systems Engineering" at the University of Naples "Federico II" in 1991, and there he became an assistant professor in 1994.

His research activity has been initially focussed on a variety of heat and mass transfer configurations, developing the related theoretical and applicative aspects by means of experimental and analytical/numerical techniques. In the last 10 years he dealt with a number of research in the field of transport phenomena, where momentum, heat and mass transfer join together seamlessly in multiphysics media and processing (with intertwined phase change, biochemistry and biology). He coordinated more than 40 papers on international journals and wrote 2 textbooks, in Thermodynamics and in Transport Phenomena. Presently, he is involved in two projects involved in Horizon2020 activities: food modeling during cool storage, and predictive oncology.

He has served as an Expert Evaluator in the Framework Programmes 5 e 6 of the European Community for Energy Management. He has been Director of the Scientific Library and Coordinator of the Patents and Tech Transfer Commission of the University of Basilicata. He has been a Fellow Researcher at the CNR-ISPA Institute (Bari, Italy). He qualified for full professorship in Engineering Thermodynamics (09/C2) in 2012.

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PROFESSOR'S OFFICE HOUR:

On email appointment, every WED from 3pm to 7pm by the teacher's room at IVth floor, SI-Unibas building.

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