

SHORT CV

Biographical Information

- ◆ Born in Naples, 1959, 25th of September;

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Engineering Department University of Campania <i>Luigi Vanvitelli</i> Real Casa dell'Annunziata, Via Roma, 29 - 81031 Aversa (CE) Italia – direct phone: (+39) 081 5010 241 - fax (+39) 081 5010 204 e-mail: furio.cascetta@unicampania.it ; mobile phone : (+39) 330.870609



SHORT ACADEMIC PROFILE

- **Furio Cascetta** is full professor (since 2001) of Industrial Thermal Sciences (Applied Thermodynamics). He teaches *Applied Thermodynamics*, *Fundamental of Measurements* (for mechanical, thermal and fluid-dynamic quantities), *Remote Control Systems (Supervisory and Control Systems)*.
- He is author or co-author of more than 150 scientific publications (papers, articles, books, chapters in technical handbooks, congress proceedings, teaching texts).
- He was head of the Industrial and Information Engineering Department (2014-2017)
- He is head of the Engineering Department (2018-)
- He is member of the Council of Scuola Politecnica e delle Scienze di Base (POLISCIBA)
- He is member of the Academic Senate (since January 2015).

FIELDS OF INTEREST

- Metrology, measurement systems, remote control system and SCADA systems (both for civil and industrial applications). Smart sensors. Industrial instrumentation for measurement of temperature, pressure, level, flow rate, velocity, humidity. Computer Integrated Building (smart building and smart house). Air quality measurement and control systems. Measurement and control in water and gas distribution networks.
- International expert of flowmetering and of legal metrology (measurements for custody transfer applications)
- *Smart utility meters* (water & gas meters): automatic meter reading (AMR), automatic metering infrastructure (AMI), automatic meter management (AMM).
- Energy saving, energy efficiency, renewable energies

STANDARDIZATION ACTIVITIES

- President of the Technical Committee UNI CEI "Metrologia";
- President of the Technical Committee UNI "Metrologia della Portata-Pressione-Temperatura";
- Coordinator of working group "Mass gas flowmeters" of CIG (Italian Gas Committee).

PUBLISHING ACTIVITIES

- Director of the editorial series *Misure e Automazione* (Franco Angeli Publisher, Milan);
- *Referee (peer reviewer)* of international journals in the measurement field.