Dr. Eng. ADAMO Francesco

Short Bio

- He was born in a small city of the south of Italy on October 15, 1968;
- In 1987 he achieves the school leaving certificate as qualified technician in electrotechnique;
- In April, 2000 he receives the BS in Electronic Engineering with the Polytechnic of Bari (Italy) discussing an experimental thesis on Electrical Measurement Science.
- From December 2001 to December 2003 he attended the XVI PhD course on Electronic Engineering with Polytechnic of Bari, Department of Electrics and Electronics; he achieved the PhD qualification on April 2004 with a experimental thesis on static and dynamic characterization of Analog to Digital Converters.
- On January 2004 he started his university career as an Associate Professor in Measurement Science.
- He is a Referee of the following scientific magazines: Measurement Journal (Ed. Elsevier), Computer Standard and Interfaces (Elsevier), Transactions on Instrumentation and Measurement (IEEE), Sensors (IEEE);
- He is author and co-author of a large number of scientific papers published on international scientific magazines and on international conferences proceedings.
- He is author and co-author of a large number of didactic lectures currently used in many courses on Measurement Science of the first and second Engineering Faculty of Polytechnic of Bari.
- He has been supervisor and co-supervisor of a large number of graduation theses of the first and second Engineering Faculty of Polytechnic of Bari.
- From 2001 he is assistant for the maintenance and organization of the didactic laboratory of Measurement Science of Polytechnic of Bari, Department of Electrics and Electronics.
- From 2004 he is the holder of the chair of Measurements on Communication Systems on the first Engineering Faculty of Polytechnic of Bari, Department of Electrics and Electronics.
- From 2010 he is the holder of the chair of Programmable Digital Instrumentation at the Department of Electric Engineering and Information Technology of Polytechnic of Bari;

- He has a remarkable applied experience on
  - design and prototyping of electronic appliances for sensor's signals conditioning, digitization, and numerical analysis;
  - software development for the PC/Windows platform (Embarcadero RAD Studio, Microsoft Visual C#/Visual Basic for .NET, National Instruments LabVIEW, Mathworks MATLAB and other);
  - software development for many industrial automation hardware platforms (Siemens S7-200/300, Allen-Bradley PLC-5/SLC-500, Omron, Schneider Electric TSX Micro, ecc.);
  - software and hardware development for many microcontrollers (Microchip PIC16F/18F/32, ATMEL AVR ATMega, ARM Cortex M3/M4 and others);
  - hardware and software development of SCADA/HMI systems for industrial automation;
  - hardware and software development for automated test and measurement systems based on many industrial standards (IEEE488, PXI, LXI, VXI).