



University POLITEHNICA of Bucharest
Faculty of Automatic Control and Computers

Splaiul Independenței nr.313, sector 6, cod 060042,
Bucharest, ROMANIA



Professor Mariana-Ionela Mocanu, PhD

PhD coordination in “Computers and Information Technology”
Doctoral School of Automatic Control and Computers
University POLITEHNICA of Bucharest

Contact:

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Research profile:

- Integration and interoperability of information systems
- Decision support systems
- Cyber-physical systems based on geospatial data
- Sensor networks

PhD coordinator since 2017

Scientific publications: 11 books and book chapters, over 40 papers, ISI indexed (IF > 16), 2 patents.

Research projects: 8 research grants as project coordinator (among these a H2020 twinning project – Data4Water)

Leading positions / membership in editorial boards and scientific

Member of the Senate of University Politehnica, since 2012

Head of the Computer Science Department, since 2016

Member of the editorial board of: ROMJIST, AMC, and Scientific Bulletin of UPB

Membership of scientific organizations and committees:

Member of the Romanian Society of Automation and Information Technology

Member of the board of the Institute for Interdisciplinary Romanian-German Research Institute ICIRG

Member of the Romanian Society for Vehicles SIAR

Doctoral research themes:

- Researches in the field of Decision Support Systems;
- Researches in the field of Cyber-physical Systems
- Researches in the field of Interoperable Systems
- Researches in the field of IoT Systems

Topics examples:

- Decision support system for the urban infrastructure for water supply
- Platform for raising awareness of sustainable management actions related to water resources.

The researches will be conducted in the Laboratory for Interoperable Products and Services Based on Geospatial Data (PRECIS 604).