



University POLITEHNICA of Bucharest  
Faculty of Automatic Control and Computers

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



**Prof. Dr. Eng. Emeritus Aurelian Mihai Stănescu**  
PhD coordination in Systems Engineering  
Doctoral School of Automatic Control and Computers  
University POLITEHNICA of Bucharest

**Contact:**

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**Research profile:**

- Information Systems
- Collaborative networks and virtual enterprise
- Discrete event systems
- Integrated Manufacturing Systems
- Internet of Things
- New methodologies for integrated concurrent engineering design and architectures.
- Geographically distributed Information Systems and integrated enterprise via Internet of the future: SaaS, IaaS / PaaS.

**PhD coordinator since 2000;**

- 14 finalized PhD thesis
- 3 undergoing

**Publications:**

- 1 book
- 6 book chapters;
- 150 research papers including 15 papers in scientific journals

**Research projects** (selected, last 10 years)

- Upgrading Excellence by Strengthening Cooperation between research Teams in an enlarged Europe – UNITE, Nr. 248583 – FP7, 2011
- Gathering research competence from universities and research institutes in a modern IT&C based network to support innovation technology transfer, aiming at the access at -Competitiveness and Innovation –2007-2013, IN-TECH-TRANSFER, CEEEX Modul I CERES 72-2 / 2006, 2007, 2008
- CEEEX - INFOSOC, contract no. 138 / 02.10.2006 - Networks @ -collaborative research on the health effects of environmental pollutants in the context of complex metasystem. Acronym: REMEDIU
- Program Development - Strategy of Romania in the next 20 years, Coord. Acad. I. Vlad - the project team No. 10, Coord Acad. F. Filip, member of the project team

### **Management positions**

- 2000–2004 Deputy Director Human Resources Training Center – Univ. Politehnica of Bucharest

### **Scientific organization and Scientific Committees**

- 2011– present: Romanian Coalition for Education in Engineering (CREDING)
- 1991– present: Romanian Society of Control Engineering and Technical Informatics (SRAIT)
- 2000 – present: IFAC TC Manufacturing Plant Control
- 2015 – Present: Member of the European Academy of Sciences and Arts

### **Editorial boards**

- Member of the IPC for the conferences: "ICE 1997 - 2016, Concurrent Enterprising" INCOM, MCPL-IFAC, EI2N
- Member of the university network ALADIN: Alpen Adria Danube Initiative
- Member of the EU initiative DG Connect - Future Internet Enterprise Systems - FInEs

### **Proposed subjects:**

1. Intelligent systems for monitoring complex production and transportation processes
2. Hybrid systems in higher engineering education
3. Mixed complex robotic systems (terrestrial, drone, underwater)
4. Conceptual design of collaborative enterprises and organizations (Collaborative Virtual Enterprise / Organization)