



University POLITEHNICA of Bucharest
Faculty of Automatic Control and Computers

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



Professor Costică NITU

Ph.D. coordination in “System Engineering”
University POLITEHNICA of Bucharest

Contact:

Professor Costică NITU, PhD, Habil.
University POLITEHNICA of Bucharest
313, Splaiul Independenței, Office ED110, sector 6, 060042 Bucharest,
Romania
Tel: +40.021 674 23 51
E-mail: cnitu@ecosys.pub.ro

PhD coordinator since 1992:

- 15 finalized PhD theses
- 4 undergoing

Publications: over 25 books/chapters, over 190 papers, 2 inventions

Member of scientific organisations:

- Member of SRAIT- Bucharest, Romania
- Member of Society ECOLOGY-Moscow Russia

Research areas:

- Intelligent methods in control system design.
- Control and monitoring systems for new energy sources.
- Management of Electrical Networks with Renewable Power Sources.
- Information technologies for industrial and environmental control systems.
- Adaptive information-modelling system for control and monitoring systems.
- New remote-sensing technologies and data processing algorithms.
- Decision-making procedures in control and environmental monitoring systems.
- Control systems and eco-information problems of global climate change.

- Application of control and eco-information systems to the study of forest and agricultural ecosystems.
- Expert systems for atmospheric pollution monitoring, for hydro-physical and hydro-chemical investigations, for monitoring of the water quality control systems.
- Practical remote-sensing risk assessment.
- Distributed control architectures for environmental monitoring. Computer networks in environmental control systems,
- New wireless sensors and control systems.

Proposed research subjects:

1. Intelligent control methods for water quality control systems
2. New methods for new energy sources control systems
3. High reliability of human-computer interfaces
4. New sensors and devices for environment investigations
5. Intelligent control systems applications