



University POLITEHNICA of Bucharest  
Faculty of Automatic Control and Computers

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



**Professor Nicolae Tapus, Ph.D.**

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:**

- Computer Architecture
- Parallel and Distributed Systems
- Cluster si GRID Computing
- Embedded Systems
- Networks of wireless sensors

**PhD coordinator since 1992:**

- - 25 finalized theses;
- - 15 ongoing theses.

**Scientific publications:** 28 books and teaching textbooks; 250 publications published in well-known journals and peer-reviewed conferences

**Research projects** (selection from last 10 years):

- FP7 HPSEE- High-Performance Computing Infrastructure for South East Europe’s Research Communities 2012-2014
- FP7 / P2P Next - Next Generation Peer-to-Peer Content Delivery Platform; project director; 2008-2011;
- FP7 / SENSEI- Integrating the Physical with the Digital World of the Network of the Future project; 2008-2011

- FP6 / EGEE: Enabling Grids for E-science; project director project; 2005-2009
- FP6 / SEE-GRID South-Eastern European Grid-enabled eInfrastructure Development; project director; 2005-2009
- FP6 / EU-NCIT : NCIT leading to EU IST excellency; project director; 2005- 2008

### **Membership in scientific committees and editorial boards**

- Vice President of Information Technology and Communications - Computer and Telecommunications Academy of Technical Sciences of Romania from 2009 to present;
- President IEEE Romania Section (2005-2009);
- President of Computer Society Chapter IEEE Romania Section;
- Coordinator Computers Chapter - IEEE - Region 8 (Africa, Europe, Middle East)
- Member of the Senate of the Politehnica University of Bucharest;
- Coordinator of the International Centre for Training in Cisco, CATC CISCO Academy, which prepares instructors for 43 regional academies of 12 countries in Eastern Europe and East Asia and coordinates the work of 271 Local Academies;
- Coordinator Training Center in distributed computing - CIID the Politehnica University of Bucharest;
- Director of the International Programming Contest ACM South East Europe region from 1994 to date;
- Vice-Rector of the Politehnica University of Bucharest 2006 – 2012;
- Vice president of the Senate of the Politehnica University of Bucharest (2012- present);
- Head of Computer Science and Engineering Department, Faculty of Automatic Control and Computers (1990-2008, 2012- 2016);
- Supervisor of PhD in Computer and Information Technology;
- Member of the CNATDCU (National Council for Titles, Diplomas and Certificates), Commission in Computer and Information Technology.

### **Membership in professional societies**

- Senior Member in IEEE The Institute of Electrical and Electronics Engineering;
- Senior Member in the Association of Computing Machinery ACM;
- Information Society Foundation - Founding Member;
- Romanian Society of Informatics;
- Romanian Society of Automation and Information Technology.

### **Member in the board of journals:**

- Transactions on Automatic Control and Computer Science ISSN 1224-600X , <http://www.ac.upt.ro/journal/>"
- JAQM - Journal of Applied Quantitative Methods, ISSN 1842-4562, <http://jaqm.ro/index.php>"
- Revista Romana de Informatica si Automatica, <http://www.ici.ro/rria.html>"
- Automation, Computers and Applied Mathematics (ACAM) Cluj Napoca
- Buletinul Stiintific UPB - Inginerie Electrica si Stiinta Calculatoarelor [http://www.pub.ro/romana/Buletin\\_stiintific/index.html](http://www.pub.ro/romana/Buletin_stiintific/index.html)"
- Romanian Journal of Information Science and Technology - Academia Romana ISSN: 1453-8245, <http://www.ear.ro/3brevist/rv82/rv82.htm> , <http://www.imt.ro/romjst/>"

- "Proceedings of the Romanian Academy,  
[http://www.acad.ro/sectii2002/proceedings/proc\\_pag\\_eb.htm](http://www.acad.ro/sectii2002/proceedings/proc_pag_eb.htm)"

**Doctoral research themes:**

- Research in the field of Large Distributed Systems; Cluster and GRID computing
- Research in the field of Embedded Systems and Networks of Wireless Sensors
- Research in the field of Mobile Devices and Data Security