

CURRICULUM VITAE



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Studies

2002 PhD in electronics and telecommunications, “Multicomponent image processing and analysis: applications to color and radar imagery”, granted jointly by the University “Politehnica” of Bucharest and Université de Savoie, France
1995 - 1996 MSEE in control and industrial informatics, Université de Savoie, France
1990 - 1995 engineer diploma in electronics and telecommunications, "Images, Patterns and Artificial Intelligence", University “Politehnica” of Bucharest (graduation mark 9.55/10.00)

Professional activity: academic

1996 – 2014 Research assistant/ Teaching assistant/ Lecturer/ Associate Professor with the Applied Electronics and Information Engineering Department, Faculty of Electronics, Telecommunications and Information Technology, University “Politehnica” of Bucharest.
2011 Invited professor with Institut National Polytechnique de Grenoble, France (3 months)
2014 – present Professor with the Applied Electronics and Information Engineering Department, Faculty of Electronics, Telecommunications and Information Technology, University “Politehnica” of Bucharest. Tenured courses: image processing and analysis, computer vision, signal processing.
2015 – present Habilitation to advise PhD theses, granted by CNADTCU.

Professional activity: industry

1999 – 2020: Consultant with FotoNation Romania (former DigitalOptics Corporation Europe, subsidiary of Xperi, USA)

Research interests:

Digital photography, color image processing and analysis, medical image processing, radar image processing, statistical methods, machine learning

Research outcome:

- Author/ Co-author of more than 50 granted patents in the domain of digital photography
- Author / Co-author of 12 peer-reviewed journal papers (7 of which fall into the Q1/Q2 category) and 60+ conference papers in the field of image processing and its applications
- Google scholar profile: <https://scholar.google.com.sg/citations?user=uyu-4YsAAAAJ&hl=ro&oi=ao>
- Project leader for 4 research contracts with national funding

Professional awards

2004 Research award “In Tempore Opportuno” of the Politehnica University of Bucharest for best young researcher of the year.

Known languages

Romanian (native), English, French