

Stefan Ataman

Curriculum Vitae

ELI-NP, 30 Reactorului Street,
077125 Măgurele, Jud. Ilfov, Romania,
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Professional Experience and Achievements

Academic and research

- 2021 – Present **Senior Researcher (CS II)**, **EXTREME LIGHT INFRASTRUCTURE – NUCLEAR PHYSICS (ELI-NP)/IFIN-HH**, Bucharest – Măgurele, Romania.
- 2016 – 2021 **Junior Research (CS III)**, **EXTREME LIGHT INFRASTRUCTURE – NUCLEAR PHYSICS (ELI-NP)/IFIN-HH**, Bucharest – Măgurele, Romania.
- 2006 – 2016 **Reader/Research Associate**, **ECE PARIS GRADUATE SCHOOL OF ENGINEERING**, Paris, France.
- 2004 – 2006 **Research Assistant Professor**, **UNIVERSITÉ CERGY-PONTOISE**, Cergy-Pontoise, France.
- 2001 – 2004 **PhD thesis on the subject: “Power Control and Multiuser Detection in CDMA”**, **SUPÉLEC - UNIVERSITÉ PARIS-SUD**, Gif-sur-Yvette, France.
- 1999 – 2001 **Teaching assistant with the Radiocommunication Department**, **THE POLYTECHNIC UNIVERSITY OF BUCHAREST**, Bucharest, Romania.

Education

- 2001 – 2004 **Ph.D. Thesis in Automatics and Signal Processing**, *Université Paris-Sud (in the laboratories of the Telecommunications Department, École Supérieure d'Électricité – now CentraleSupélec)*, Gif-sur-Yvette, France.
- 1999 – 2000 **M.S. in Radio and Optical Communications**, *The Polytechnic University of Bucharest*, Bucharest, Romania.
- 1994 – 1999 **B.S. in Telecommunications**, *The Polytechnic University of Bucharest*, Bucharest, Romania.

Online Scientific Profiles

(active links in digital version)

ORCID Profile:
0000-0003-2423-578X <https://orcid.org/0000-0003-2423-578X>

Google Scholar
Profile: <https://scholar.google.com/citations?user=nX1LtOwAAAAJ&hl=en>

Web of Science Profile:
0000-0003-2423-578X <https://www.webofscience.com/wos/author/record/R-1867-2016>

ResearchGate
Profile: https://www.researchgate.net/profile/Stefan_Ataman

Scopus Profile: <https://www.scopus.com/authid/detail.uri?authorId=56021441500>
ID: 56021441500

Linkedin Profile: <https://www.linkedin.com/in/stefan-ataman-8929a92/>

Referee

Reviewer: New Journal of Physics, Physica Scripta, Modern Physics Letters A, EPL (Europhysics Letters), Science China: Physics, Mechanics and Astronomy, Results in Physics.

Professional Certificates

Radiation protection certificate – Level 1 “Radiation protection on the use of particle accelerators and radioactive sources” delivered by the Nuclear Training Center (CPSDN)

Awards/Recognitions



“Trusted Reviewer” by The Institute of Physics (IoP) - 2020



Expert (EX2023D896711) on Quantum Sensing & Metrology of the European Commission - 2024

Some Technical, Software and Computer skills

Software

Programming languages C, C++, assembler
Simulators Octave, Matlab, Mathematica
Office tools \LaTeX , LibreOffice, MS Office
Operating systems Linux, Windows

Hardware

Embedded systems Microcontrollers (Microchip PIC)
DSP (Analog Devices Sharc and Blackfin)
FPGA (Xilinx Spartan)
Telecommunications Digital Communications, Signal processing
CDMA cellular systems

Teaching Experience

Physics **Quantum Electro-dynamics**

Responsibilities:

- *planning and conception of course materials*
- *delivery of lectures*
- *student evaluation*

Quantum Technologies

