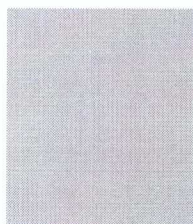


PERSONAL INFORMATION

Neacșu Cătălin



📍 Affiliation: IFIN-HH, University POLITEHNICA of Bucharest

☎ +40721.952.504

✉ catalin.neacsu@nipne.ro catalineacsu@gmail.com

📞 N/A

Skype

● catalineacsu

Sex male | Date of birth: [REDACTED] | Nationality Romanian

POSITION WITHIN THE PROJECT

Physicist

WORK EXPERIENCE

Oct 2020 - present

Physicist

IFIN-HH, Magurele, Ilfov

- Detectors research and development Research

May 2018 - present

Administrator

Andak Consulting SRL, Bucharest

- Engineering and management Engineering and technical consultancy

July 2013 – May 2018

Engineer

Neacsu Catalin PFA, Bucharest

- IT Systems development IT Technical consultant

Feb 2011 – Aug 2013

Process engineer

Procter & Gamble, Urlați, Prahova

- Packaging materials team and specific processes management Cosmetics plant

Oct 2006 – Jan 2011

Team leader

Design Solutions, Bucharest

- CAD team leader CAD design and Engineering

Nov 2005 - Oct 2006

PCB CAD Designer

Alvarion LTD, Otopeni, Ilfov

- Printed Circuit Boards Engineering

Nov 2004 - Nov 2005 **PCB CAD Designer**
 Design Solutions, Bucharest
 • Printed Circuit Boards
 CAD design and Engineering

EDUCATION AND TRAINING

Sep 2018 - present **PhD student**
 University Politehnica of Bucharest, Faculty of Applied Sciences
 • Ionizing radiation detector systems

Sep 2002 – Feb 2004 **Master in Electronics Physics, Metrology and Defectoscopy**
 University of Bucharest, Faculty of Physics
 • Manufacturing technology for semiconductors

Sep 1997 – Jun 2001 **Bachelor's degree, Electronics**
 University of Bucharest, Faculty of Physics
 • Foundations for Digital and Analogic electronics systems

PERSONAL SKILLS

Mother tongue(s) Română

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills • Fluent in English as a result of several years within international companies
 Organisational/managerial skills • Project and team management, up to 20 people

Job related skills • N/A

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Experienced User	Experienced User	Independent user	Independent user	Independent user

C & VHDL programming, CAD design, Hardware Engineering

Driving license B

ADDITIONAL INFORMATION

Publications Development of large area Silicon Photomultipliers arrays for γ -ray spectroscopy applications, Elsevier 2020
Book chapter Nanomaterials – functional properties and applications: The use of micro – technologies in nuclear instruments, the development of a set of modern gamma-ray detectors based on SiPM arrays

ANNEXES
