

PERSONAL INFORMATION

Simona Dîrleci



 Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering, Măgurele (Romania)

 Skype simona.dirleci

Sex Female | Date of birth 17 Apr 1996 | Nationality Romanian

POSITION WITHIN THE PROJECT

Research Assistant

WORK EXPERIENCE

Oct 2018–Present

Research Assistant

Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering, Măgurele (Romania)

Oct 2016– Aug 2018

Student practice

IFIN-HH, Măgurele (Romania)

During this practice I have learned how to operate the 3 MV Tandetron™ accelerator and I have analyzed the RBS spectra recorded during the irradiation of living cells using proton beams.

2 Jul 2017–22 Jul 2017

Joint Institute for Nuclear Research, Dubna (Russia)

Participation at the "Summer Student Program 2017"

EDUCATION AND TRAINING

Oct 2018–Present

MSc

Faculty of Physics, University of Bucharest, Măgurele (Romania)

Atomic, Nuclear and Elementary Particles Physics, Astrophysics and Applications

Oct 2015–Jun 2018

BSc

Faculty of Physics, University of Bucharest, Măgurele (Romania)

My BSc thesis is called *Irradiation of living cells using tandem accelerator-generated charged particle beams for the investigation of possible radiation-induced effects* and it is based on the experiments performed at IFIN-HH.

PERSONAL SKILLS

Mother tongue(s)

Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B1	B1	A2	A2	B1

Japanese A2 A1 A1 A2 A2

Nihongo Nōryoku Shiken N5

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

Communication skills Very good communication skills in various contexts, including scientific ones, which were gained during the student practice at IFIN-HH, as well as through the participation at the "Summer Student Program 2017" in Dubna, Russia.

Organisational / managerial skills Very good abilities in organizing my time, which allow me to complete tasks on time efficiently.

Digital competence

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

Digital skills - Self-assessment grid

ECDL Core Certificate

C++, Mathematica;
 Origin, Simnra;
 SRIM/TRIM, Lise++; ImageJ;
 Microsoft Office Suite