Curriculum vitae

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Personal information

First name(s) / Surname(s): Ișfan Maria-Cătălina

Address(es): RO-077125, Bucharest-Măgurele, ROMANIA

Telephone(s): +40 (0)21 4574077

Fax(es): +40 (0)21 4574471

E-mail: mariaisfan|at|spacescience.ro

Nationality: Romanian

Date of birth: 2 June 1999

Work experience

2021 – present: Research Assistant at the Institute of Space Science

I started studying Quantum Computing in order to help the implementing of Neural Networks

on quantum devices (real and simulated), as a part of the data processing from LISA space mission.

Type of business or sector: Research and development

Education and training

2021-present

Master of Science in Physics student, at the Theoretical and Computational Physics program

Name and type of organization providing education and training: Faculty of Physics, University of Bucharest

2018-2021

Title of qualification awarded: Bachelor of Science in Physics

Principal subjects/occupational skills covered: General knowledge of physics

Name and type of organization providing education and training: Faculty of Physics, University of Bucharest

Thesis title: “The Hall Effect: from classical aspects to quantum and topological properties”

Personal skills and competences

Mother tongue(s): Romanian

Other language(s): English

Organizational skills and competences

Participated to several scientific popularization events: “Researchers Night” (2021), “Școala de Știință

și Tehnică de la Măgurele (2021

Computer skills and competences

Operating systems: WINDOWS, Android

Programming languages: Python, Fortran, C++

Other soft packages: Matlab, Mathematica

National and international schools and conferences

2021 – Bucharest University Faculty of Physics 2021 Meeting, oral presentation with the title “The quantum

Hall effect - topological properties of the single-particle wave function. The Hall resistance”, 18 June