

PERSONAL INFORMATION

Boromiza Marian-Alexandru

 Horia Hulubei National Institute for Research- Development and Nuclear Engineering

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Sex M | Date of birth | Nationality Romanian

 THE FUNCTION
WITHIN THE PROJECT

Member of the research team

 WORK
EXPERIENCE

 February 2013 - October
2013

Physicist

Horia Hulubei National Institute for Research-Development and Nuclear Engineering
www.nipne.ro

Theoretical nuclear physics

October 2013 – May 2019

Research Assistant

Horia Hulubei National Institute for Research- Development and Nuclear Engineering
www.nipne.ro

Theoretical and experimental nuclear physics: theoretical nuclear structure (modelling the nuclear pairing interaction within Hartree-Fock and Hartree-Fock-Bogoliubov/quasiparticle shell model approaches and quartet condensation model), writing experimental proposals, performing experiments, analysing the collected data, theoretical investigations of nuclear reactions and reaction mechanisms, writing and publishing articles, participation at conferences.

May 2019-present

Junior Scientist

Nuclear reactions, experimental and theoretical investigations: writing experimental proposals, performing experiments, analysing the collected data, theoretical investigations of nuclear reactions and reaction mechanisms, writing and publishing articles, participation at conferences.

 EDUCATION
AND
TRAINING

2013-2019

Doctor of Science, Exact sciences, Physics

Doctoral School of Physics, Faculty of Physics, University of Bucharest

2011-2013

Master Diploma (Specialist in Theoretical Physics)

Faculty of Physics, University of Bucharest

 2008-2011 **Licence Diploma**

Faculty of Physics, University of Bucharest

 2003-2007 **Bachelor's Degree**

Onisifor Ghibu Theoretical High School, Sibiu (mathematics-physics specialization)

PERSONAL SKILLS

Mother tongue(s)	Romanian
Prizes/Awards	Best Young Scientist Prize at the “International Conference on Nuclear Data for Science and Technology” in Bruges, Belgium (2016). Marin Ivascu Prize for remarkable scientific contributions of youngh researchers of IFIN-HH: II (second) and I (first) place în 2016 and 2017, respectively.
Publications	Author or co-author of 7 ISI articles and 6 conference proceedings (non-ISI) , with a total of 50 citations (according to www.scopus.com), including auto-citations
Hirsch Index	3 (according to www.scopus.com)
Conferences and/or Workshops	1. M. Boromiza et al., „Proton inelastic scattering cross section measurements on ^{16}O and ^{28}Si ” at International Conference on Nuclear Data for Science and Technology (ND 2016) in Bruges, Belgium, September, 2016, Oral presentation . 2. M. Boromiza et al., „Study on the possibility of inferring the neutron-induced inelastic cross sections from the corresponding proton inelastic cross sections”, Joint ICTP-IAEA Workshop on the Evaluation of Nuclear Reaction Data for Applications, Trieste, Italy, October, 2017, Oral presentation 3. M. Boromiza et al., „Neutron and proton-induced inelastic scattering cross sections on ^{16}O and ^{28}Si ” at Workshop on Elastic and Inelastic Neutron Scattering (WINS 2018), Predeal, Romania, September, 2018, Oral presentation
Courses	“Introduction to nuclear and particle physics” organized by Horia Hulubei National Institute for Research-Development and Nuclear Engineering
Schools	1. European school on EXperiment, Theory and Evaluation of Nuclear Data (EXTEND), Uppsala, Sweden, 2016 2. GEANT4 school, Horia Hulubei National Institute for Research-Development and Nuclear Engineering, 2016
Spokeperson for international experiments	1. 2016 IFIN-HH PAC – “Proton inelastic cross sections of ^{24}Mg ” 2. 2018 IFIN-HH PAC - “Proton inelastic cross sections of ^{58}Ni ” 3. 2020 GELINA neutron source PAC - „Neutron inelastic cross sections on ^{40}Ca ”