

PERSONAL INFORMATION

First and last name: Ivor Lončarić

Birthdate: August 8th, 1989

Personal website: <https://www.irb.hr/Ljudi/Ivor-Loncaric>

EDUCATION

2017 PhD in Physics of Nanostructures and Advanced Materials

Name of the institution: University of the Basque Country UPV/EHU, San Sebastián, Spain

2013 Master of Physics

Name of the institution: University of Zagreb, Croatia

EMPLOYMENT HISTORY (in reverse chronological order)

2018 – now – *Position:* research associate (equiv. to Assistant Professor)

Name of the institution: Ruđer Bošković Institute, Zagreb, Croatia

2017 – 2018 – *Position:* postdoctoral researcher

Name of the institution: Ruđer Bošković Institute, Zagreb, Croatia

2013 – 2017 – *Position:* PhD student

Name of the institution: Centro de Física de Materiales, San Sebastián, Spain

PUBLICATIONS

Co-author of 36 papers in international journals such as Physical Review Letters, Nano Letters, The Journal of Physical Chemistry Letters, npj 2D Materials and Applications, Chemistry of Materials, Advanced Energy Materials, etc.

More than 500 citations with h-index 14.

Google Scholar: <http://scholar.google.hr/citations?hl=en&user=MLxejsUAAAAJ&sortby=pubdate>

FELLOWSHIPS AND AWARDS

2020 National Science Award for young scientist, Croatia

2020 Award for best publication in 2019., Ruđer Bošković Institute

2019 Extraordinary Doctoral Award (Premio Extraordinario de Doctorado) for best PhD theses in the year 2016/2017, Universidad del País Vasco, Spain

2019 Award for best publication in 2018., Ruđer Bošković Institute

2011-2013 City of Karlovac scholarship for talented students

2008-2011 National scholarship for exceptionally talented students

2006-2008 City of Karlovac scholarship for talented students

CURRENT PROJECT PARTICIPATION AND PROJECT MANAGEMENT

2021-2026 Extending length and time scales of first principles material modelling via machine learning, PI Ivor Lončarić, HRZZ Installation projects, PI of the project

2019-2023 Exploring halide 2D and quasi-2D perovskites: from rational structural design to enhanced efficiency and stability, PI Jasminka Popović, HRZZ Cooperation Programme with Croatian Scientists in Diaspora “RESEARCH COOPERABILITY”, team member

2017-2022 Center of Excellence for Advanced Materials and Sensors, team member

SUPERVISION OF STUDENTS

2018 – 2021 5 master thesis defended / Department of Physics, Faculty of Science, University of Zagreb

2019 – 2021 supervision of PhD student Mihovil Bosnar – defended in July 2021

2019 – supervision of PhD student Juraj Ovčar – expected defense in 2023

2019 – supervision of PhD student Bruno Mladineo - expected defense in 2025

CONFERENCE COMMUNICATIONS

I delivered 1 invited and 7 contributing talks and 6 poster presentations at international conferences. I gave 4 invited seminars at institutions abroad.

Full list can be found at: www.bib.irb.hr/pregled/znanstvenici/368380?report=1

ORGANISATION OF SCIENTIFIC MEETINGS (*conference, congress, symposium*)

2020 11th Symposium on Computing π -conjugated Compounds, Zagreb, member of the organizing committee / symposium / 55 participants / Croatia

2019 Summer School on Advanced Materials and Molecular Modelling with Quantum ESPRESSO, Ljubljana, member of the organizing committee / workshop / 40 participants / Slovenia

2018 Game of Materials, Dubrovnik, member of the organizing committee / international conference / 60 participants / Croatia

2016 Software Carpentry, San Sebastián, member of the organizing committee / workshop / 40 participants / Spain

2015 IISC-21, San Sebastián, member of the organizing committee / international conference / 90 participants / Spain

2015 Software Carpentry, San Sebastián, member of the organizing committee / workshop / 40 participants / Spain

INTERNATIONAL TRAINING

Jan – Mar 2016 – *Position*: visiting scientist

Name of the institution: University of Potsdam, Germany

Oct 2017 – *Position*: invited seminar and research visit

Name of the institution: University at Buffalo, USA

Nov 2017 – *Position*: invited seminar and research visit

Name of the institution: University of Potsdam, Germany

Mar 2018 – *Position*: research visit within bilateral project

Name of the institution: SUSTech, Shenzhen, China

May 2018 – *Position*: invited seminar and research visit

Name of the institution: DIPC, San Sebastián, Spain

Jul 2019 – *Position*: invited seminar and research visit

Name of the institution: University of Potsdam, Germany

Oct 2019 – *Position*: visiting scientist

Name of the institution: Centro de Física de Materiales, San Sebastián, Spain

MEMBERSHIPS

2019 – now Croatian Physical Society

2019 – now Croatian Vacuum Society – Croatian representative in IUVSTA Surface Science Division

REFEREEING

I referee papers for several international journals, eg. Physical Review Letters, Physical Review B, Nano Letters, etc.