

CURRICULUM VITAE Osor Slaven Barišić

PERSONAL INFORMATION

Family name, First name: Barišić, Osor-Slaven

Identification number of the scientist: 226036

URL for web site: <http://bib.irb.hr/lista-radova?autor=226036>

• EDUCATION

1984 – 1988 The Fifth Gymnasium, Zagreb

1987 graduated piano, Music high school „Blagoje Bersa“, Zagreb

1996 Graduated in theoretical physics from the Faculty of science, University of Zagreb

2001 M.Sc. in Solid State Physics, University of Zagreb
Thesis title: Variational and numerical methods in investigations of properties of Holstein polarons

2005 PhD in Solid State Physics, University of Zagreb
Dissertation title: Holstein polarons and bipolarons

• CURRENT POSITION(S)

2015 – Senior scientific associate
Institute of Physics, Zagreb

• PREVIOUS POSITIONS

2008 – 2015 Research associate,
Institute of Physics, Zagreb

2008 – 2009 Visiting scientist,
J. Stefan Institute, Ljubljana, Slovenia

1998 – 2008 Research assistant,
Institute of Physics, Zagreb

1997 – 1998 Research fellow,
Institute of Physics, Zagreb

• TEACHING ACTIVITIES

1998 – 2005 Irreversible processes, teaching assistant
Faculty of Science, University of Zagreb

2005 – 2006 Statistical physics, teaching assistant
Faculty of Science, University of Zagreb

• INSTITUTIONAL RESPONSIBILITIES

2015 – Member of the Executive board of Institute of Physics

2013 – Union representative at the Institute of Physics

2013 – Member of the Executive board of French school in Zagreb, EURO CAMPUS

• PARTICIPATION IN PROJECTS

1996 – 2001 Theory of critical phenomena and low-dimensional systems,
MZOS 00350109, led by dr. sc. Katarina Uzelac (IF)

2002 – 2006 Theory of critical phenomena and modelling in many particle systems
MZOS 0035007, led by dr. sc. Katarina Uzelac (IF)

2010 – 2012 New electronic states driven by frustration in layered materials
UKF Project 1B # 65/10, led by dr. sc. Eduard Tutiš (IF)

2008 – 2013 Critical phenomena and systems out of equilibrium
MZOS 035-0000000-3187, led by dr. sc. Katarina Uzelac (IF)

• MEMBERSHIPS

Member of Croatian physical society

Member of American physical society

• MAJOR SCIENTIFIC COLLABORATIONS (past and present)

Scientific member of the Center of Excellence for Theory of Quantum and Complex Systems – QuantiXLie, Croatia

Collaboration with the experimental group of prof. László Forró, EPFL, Lausanne, Switzerland

Collaboration with the theoretical group of prof. Peter Prelovšek, IJS, Ljubljana, Slovenia

Collaboration with the theoretical group of prof. Slaven Barišić, PMF, Zagreb, Croatia

Collaboration with the theoretical group of dr. Andrey S. Mishchenko, RIKEN, Wako, Japan

Collaboration with the experimental group of dr. sc. Ana Smontara, IF, Zagreb, Croatia

Croatian representative in COST Action MP1209

• REVIEWER

Referee for: Physical Review Letters, Europhysics Letters, Physical Review B, Physical Review E, European Physical Journal B, Journal of Physics: Condensed Matter, Physica B

• RESEARCH ACTIVITY

In domain of solid state and statistical physics. Principal research interests (past and current):

Strongly correlated systems and systems with reduced dimensionality

Polarons and bipolarons

Transport properties in condensed matter systems

Impurity effects and disorder

Phase transitions in strongly correlated systems

• OTHER

Croatian Homeland war veteran

Extensive involvement in the field of civil society and the field of civil society media, vice-president of Croatian Cultural Council

