

PERSONAL INFORMATION

Igor Lengar



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Nationality Slovene

WORK EXPERIENCE

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|--|---|
| 2014 – | Senior Research Associate
Jožef Stefan Institute, Reactor physics division |
| 04/2007 – 10/2007
07/2011 – 09/2011 | Postdoctoral Researcher
Culham Centre for Fusion Energy (CCFE), JET – Joint European Torus, UK |
| 1998 – | Researcher
Jožef Stefan Institute, Reactor physics division |
| 2019 – | Associate Professor, field - experimental physics
University of Maribor, Faculty of Energy Technology |

EDUCATION AND TRAINING

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| 2004 | Ph.D. in nuclear engineering
Thesis “Fast Neutron Dosimetry with the Coincidence Nuclear Track Detector CR-39”
University of Ljubljana, Faculty of Mathematics and Physics |
| 2001 | M.Sc. in nuclear engineering |
| 1998 | B.Sc. in physics (field of electro-optics) |

Organisational / managerial skills

- Organizational skills:
 - project leader for EU projects,
 - leader for Start-up physics tests at Krško Nuclear Power Plant, 2004 -
 - chair of organizing committee for International scientific conferences (200 participants, 3x)
 - secretary general of the Nuclear Society of Slovenia (2003 – 2007)

Other skills

Teaching, Faculty of Energy Technology, University of Maribor
 - Lecturing the subjects “Fundamentals of Physics”, 1st year undergraduate level, “Technology of Fusion Energy”, 1st year M.Sc. level, “Use of Nuclear Techniques”, 3rd year undergraduate level
 Lecturing at the Nuclear training centre of the Jožef Stefan institute

ADDITIONAL INFORMATION

Leadership

- 2005 - : Head of the Quality assurance program at the Reactor physics division of the Jožef Stefan Institute
- 2006 - : Responsible officer for the work with ionizing radiation at the Reactor physics division of the Jožef Stefan Institute
- 2018 - : Research group - Fusion neutronics - Reactor physics division, JSI

Membership

- Nuclear Society of Slovenia
- Slovenian fusion association
- International Criticality Safety Benchmark Evaluation Project Working Group (ICSBEP), OECD-NEA.
- IRPhEP - International Reactor Physics Experiment Evaluation Project, OECD-NEA.

Responsibilities

- Member of the Governing board of Fusion for Energy (2014 -)
- Member of the Governing board of the Nuclear Society of Slovenia (2014 -)
- Guest editor, special issue of Nuclear Engineering and Design, 2012
- Member of the Supervisory board of the Fund for Financing Decommissioning of the Krško Nuclear Power Plant and Disposal of Radioactive Waste from the Krško NPP (2005 - 2010)

List of publications, lectures and conference contributions upon request