

PERSONAL INFORMATION

doc. Ing. Luboš Náhlík, Ph.D.



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ResearcherID: A-6475-2009

Sex male | Date of birth (dd/mm/yyyy) 12/09/1975 | Nationality Czech

ROLE IN THE PROJECT

Key researcher / head of a node / responsible for laboratories and administration at Institute of Physics CAS (IPM)

EDUCATION AND TRAINING

- 10/2014 PRINCE2® Foundation in project management
Axelos (GB)
- 05/2009 Associate Professor of Materials Science and Engineering
Brno University of Technology, Faculty of Mechanical Engineering (Czech Republic)
- 06/2002 Ph.D. in Engineering Mechanics
Brno University of Technology, Faculty of Mechanical Engineering (Czech Republic)
- 06/1999 M.S. in Engineering Mechanics
Brno University of Technology, Faculty of Mechanical Engineering (Czech Republic)

WORK EXPERIENCE

- since 03/2017 Member of Academy Council
Czech Academy of Sciences, Národní 3, Prague
- since 03/2010 Head of CEITEC IPM Department and IPMINFRA (since 1/2016)
Institute of Physics of Materials, Czech Academy of Sciences
5 research laboratories, project team, laboratory for material preparation (ca 45 employees)
- since 03/2008 Senior Researcher
Institute of Physics of Materials, Czech Academy of Sciences
- 09/2003-03/2008 Junior Research
Institute of Physics of Materials, Czech Academy of Sciences
- since 09/2003 Lecturer
Brno University of Technology, Faculty of Mechanical Engineering (Czech Republic)
- 09/2002 - 08/2003 Postdoctoral Researcher
Ecole Centrale de Lille, Villeneuve d'Ascq (France)
- 09/1999 - 08/2002 Research Assistant
Institute of Physics of Materials, Czech Academy of Sciences

OTHER PROFESSIONAL ACTIVITIES AND MEMBERSHIPS

- since 2019 **Member of working groups in the area of R&D&I**
Governmental office of the Czech Republic, Ministry of Education, Youth and Sport of the Czech Republic, ...
- since 2019 **Chairman of the Supervisory Board**
Institute of Physics, Czech Academy of Sciences
- since 2019 **Chairman of the Supervisory Board**
Institute of Biophysics, Czech Academy of Sciences
- since 2017 **Member of the Supervisory Board**
Institute of Nuclear Physics, Czech Academy of Sciences
- since 2017 **Member of the Board of Institution**
Institute of Physics of Materials, Czech Academy of Sciences
- since 2016 **Member of the Assembly of the Czech Academy of Science**
- 2013 -2017 **Member of Evaluation Panel**
Grant Agency of the Czech Republic
- since 2012 **Member of the European Structural Integrity Society (ESIS) and the Czech Society for Mechanics**
- since 2010 **Member of Management**
Institute of Physics of Materials, Czech Academy of Sciences

Member of scientific committees of international conferences: European Conference on the Structural Integrity of Additively Manufactured Materials, Applied Mechanics

PUBLICATIONS

Total number of publications: ca 280
Number of publications (WoS): 95
Total number of citations (WoS): 539
H-index (WoS): 14

Research area: Fatigue of materials, fracture mechanics, numerical modelling of material damage, damage of composite materials

Co-operation with industry: Fatigue of materials, damage of machine parts, testing methods, e.g., Bonatrans Group, Comtes FHT, Strokrom, NenoVision, Bosch, ...

University activities, Brno University of Technology: Faculty of Mechanical Engineering: member of the board Applied Sciences in Engineering, supervisor of bachelors, masters and PhD theses, member of committees for state exams, lecturer ..., CEITEC BUT: supervisor of PhD course Advanced fracture mechanics, supervisor of PhD these, lecturer

PROJECTS (selected)

Since 2009 responsible for preparation and realisation of major projects of Institute of Physics of Materials. From 2010 to 2020 investigator or co-investigator of projects with total budget ca **300 mil. CZK**, e.g.:

ED1.1.00/02.0068 CEITEC - Central European Institute of Technology (2011-2015), OP RDI, Ministry of Education, Youth and Sport of the Czech Republic (MEYS)

Co-investigator (total budget 5 246 mil. CZK/ budget of IPM: 111.2 mil. CZK)

EE2.3.20.0197 Multidisciplinary team in materials design and its involvement in international cooperation (2012-2015), OP EC, MEYS

Co-investigator (total budget 24.5 mil. CZK/ budget of IPM: 4.5 mil. CZK)

EE2.3.20.0214 Human Resources Development in the research of physical and material properties of emerging, newly developed and applied engineering materials (2012-2015), OP EC, MEYS

Investigator (total budget 28.0 mil. CZK/ budget of IPM: 28.0 mil. CZK)

EE2.3.30.0063 Talented postdocs for scientific excellence in physics of materials (2012-2015), OP EC, MEYS

Investigator (total budget 9.5 mil. CZK/ budget of IPM: 9.5 mil. CZK)

CZ.02.1.01/0.0/0.0/16_013/0001823 Modernisation of infrastructure for study and application advanced materials (m-IPMIFRA) (2017-2020), OP RDE, MEYS

Investigator (total budget 37.3 mil. CZK/ budget of IPM: 37.3 mil. CZK)

Realisation of research infrastructure IPMINFRA (2016-2019), MEYS

Investigator (total budget 42.0 mil. CZK/ budget of IPM: 42.0 mil. CZK)

Project LQ 1602 CEITEC 2020 (2016-2020), MEYS

Investigator (total budget ca 1 000 mil. CZK/ budget of IPM: 20.0 mil. CZK)

H2020 - WIDESPREAD-03-2018 - Eastern European twinning on Structural Integrity and Reliability of Advanced Materials obtained through additive Manufacturing (SIRRAM)

Co-investigator (total budget 20.8 mil. CZK/ budget of IPM: 3.7 mil. CZK)