CURRICULUM VITAE

Dmytro ORLOV, Prof, Dr **2025-05-20**

residence: Malmö, Sweden*;* *phone*: +46 73-042 55 72; *e-mail*: dmytro.orlov@lth.lu.se

EDUCATION:

2003 – **PhD**; Materials Science and Engineering; Donetsk National Technical University, Donetsk, Ukraine;
2002 – **Lecturer-Researcher** ***(Graduated magna cum laude)***; Donetsk National Technical University, Ukraine;
1999 – **MSc**; Metal Forming ***(Graduated magna cum laude)***; Donetsk State Technical University, Donetsk, Ukraine;
1998 – **BSc**; Metallurgy ***(Graduated magna cum laude)***; Donetsk State Technical University, Donetsk, Ukraine.

Other professional training and certificates:

2015 – Professor of Materials Engineering; Lund University, Lund, Sweden
2016 – *Habilitation*: Associate Professor in Materials; University of Nova Gorica, Nova Gorica, Slovenia
2010 – OHS for managers and supervisors; Monash University, Melbourne, Australia
2009 – Leadership and Management Development – Level 2; Monash University, Melbourne, Australia
2009 – Spoken Language and Communication Skills Development for Academics; Monash University, Australia
2009 – Basic Principles of Ionizing Radiation Safety; Monash University, Melbourne, Australia

WORK EXPERIENCE:

Professor of Materials Engineering (*tenured*); ..... 2015 – present
Division of Mechanics, Materials and Component Design, LTH, Lund University (Lund, Sweden)
Head of Division of Materials Engineering *2015-2022*
Senior Research Scientist; .....2014 – 2015
Materials Research Laboratory, University of Nova Gorica (Nova Gorica, Slovenia);
Senior Researcher and Lecturer; .....2012 – 2014
Research Organization of Science and Technology, Ritsumeikan University (Kyoto, Japan)
Research Fellow; .....2009 – 2012
Department of Materials Engineering, Monash University (Melbourne, Australia)
Postdoctoral Fellow; .....2007 – 2009
Department of Adaptive Machine Systems, Osaka University (Osaka, Japan)
Donetsk Institute for Physics & Engineering of the National Academy of Sciences – Ukraine;.....1999 – 2010
Department of High-Pressure Physics and Advanced Technologies (Donetsk, Ukraine)
Research scientist (tenured).....2004 – 2010
Research Associate; .....2002 – 2004
Engineer (Part time); .....1999 – 2002

Other professional and Community functions:

2022 – present: ***Co-Founder*** and CEO of a start-up 'LBM Sweden AB' developing biodegradable metal implants;

2019 – present: ***Member*** of Editorial Boards in Journals 'Materials Research Letters' (*Taylor & Francis Group*), 'Metals' *(MDPI family)* and 'Scientific Reports' *(Nature family)*;

2002 – present: within The Minerals, Metals and Materials Society (TMS), USA (www.tms.org):

Elected Member of Light Metal Division Council (2016-2025), Education Committee (2022-2025), Program Committee (2019-2022) including ***Vice-Chair*** of Program Committee (2021 – 2022),

Elected Chair of Magnesium Committee (2017 – 2018) with pre- and post- leadership roles (2016-2019),

Member *of Technical Committees:* Powder Materials (from 2017), Magnesium (from 2014);

2021 – present: ***Evaluator*** of Education Programs for The Cyprus Agency of Quality Assurance and Accreditation in Higher Education (CYQAA);

2015 – present: ***Reviewer*** of research projects for DFG and Helmholtz Foundation (Germany), NWO (The Netherlands), FWF (Austria), COST (EU), European Space Agency (ESA);

2004 – present: ***Lead and Co-Organiser*** *as well as various* ***Committee Member*** for a range of 20+ International and Regional Materials-related Conference, Symposia, Workshops and Trainings in Europe, Japan and USA;

2004 – 2018: ***Adjunct***, ***Visiting*** and ***Part-time faculty*** appointments in various universities in Slovenia, France, Ukraine;

QUANTIFIABLE PERFORMANCE INDICATORS include

30+ Competitive Grants for Academic and Research activities of total worth 20M+ SEK, 7 patents, 100+ publications (resulting at 3000+ citations and *h*-index 29 in SCOPUS), Books and book chapters (3), Edited books (3) and Special Issues in journals (2); 100+ presentations at international meetings (including 40+ Invited and Plenary Lectures), and 20+ professional Honours and Awards.