

PERSONAL INFORMATION

Alex Lanzutti



📍 DPIA, via delle scienze 208, 33100, Udine, Italy

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✉ Alex.lanzutti@uniud.it

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Sex male | *Date of birth* 03/07/1981 | *Nationality* Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input checked="" type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

01/04/23 - now

Associate Professor (Metallurgy SC 09/A3 SSD ING/IND-21)

University of Udine

▪ Metallurgy, surface engineering,

Research, Instruction,

01/04/20-31/03/23

Researcher 240/10 B (Metallurgy SC 09/A3 SSD ING/IND-21)

University of Udine

Metallurgy, surface engineering,

Research, Instruction,

01/04/20-31/03/23

Researcher 240/10 A (Material Science and Technology SC 09/D1 SSD ING/IND-22)

University of Udine

Metallurgy, surface engineering, materials science, Polymers, Composites

Research, Instruction,

EDUCATION AND TRAINING

01/11/2008 – 31/03/2012

PhD in industrial engineering (specialization: metallurgy)

EQF level 8

University of Padua

▪ Metallurgy, surface engineering, coatings, corrosion

01/01/2008-15/12/2008

Master (I level) in metallurgical engineering (post graduate course)

EQF level 7

University of Udine

▪ Metallurgy,

01/10/2004-15/06/2007

Master degree in Mechanical Engineering

EQF level 7

University of Udine

▪ Mechanical engineering

PERSONAL SKILLS

Mother tongue(s)

Italian/Friulano

Other language(s) English proficient user
German basic user

Job-related skills Use of material science lab instruments as: SEM, Light microscope, Mechanical testing machine, tribometers, indenters, potentiostats, Chemical analyzers, AFM, profilometers. Participation to several international (Mc Bees, Multiprotect, Fasther) and national research projects (Por-FESR, etc..). collaboration with several companies (Danieli, AFC, Wartsila, etc..)

Digital skills Office, autocad, inventor,

Other skills Representative of DPIA to KMM-VIN consortium, member of AIM Italy, member of CoMet board as secretary,

ADDITIONAL INFORMATION

Publications

(to 05/05/23)	Alex Lanzutti' index	Associate professor requirements	Ful professor requirements
		SC 09/A3	SC 09/A3
Publications	97	9	15
H-index	25	6	9
Citazions	1566	110	237

1. **A. Lanzutti**, F. Andreatta, M. Magnan, A. Gerolin, L. Fedrizzi, *Unexpected failure of cast superduplex stainless steel exposed to high chlorides containing water: From failure analysis to corrosion mechanisms settlement* Engineering failure Analysis 136 (2022) 106196,
2. **A. Lanzutti**, E. Marin, K. Tamura, M. Magnan, E. Vaglio, F. Andreatta, M. Sortino, G. Totis, L. Fedrizzi, *High temperature study of the evolution of the tribolayer in additively manufactured AISI 316L steel* Additive manufacturing 34 (2020) 101258
3. **A.Lanzutti**, A. Raffaelli, M. Magnan, L. Fedrizzi, M. Regis, E. Marin, *Microstructural and mechanical study of an induction nitrided Ti gr.5 hip prosthesis component* Surface and coatings Technology 377, (2019), 124895
4. **A. Lanzutti**, F. Andreatta, M. Lekka, L. Fedrizzi, *Microstructural and local electrochemical characterization of gr.91 steel-welded joints as function of post-weld heat treatments,* Corrosion Science 148, (2019), 407-417,
5. **A. Lanzutti**, M. Lekka, C. De Leitenburg, L. Fedrizzi, *Effect of pulse current on wear behaviour of Ni matrix micro- and nano-SiC composite coatings at room and elevated temperature.* Tribology international 4, 2019, 50-61;
6. **A. Lanzutti**, M. Pujatti, M. Magnan, F. Andreatta H. Nurmi, A. Silvonon, E. Hlede, L. Fedrizzi, *Uniaxial fatigue properties of closed die hot forged 42CrMo4 steel: Effect of flash and mechanical surface treatments,* Materials and Design 132 (2017), 324-336

Udine 05/05/23

Prof. Alex Lanzutti