Curriculum Vitae

Name: Andrejs Krauklis
Scopus Author ID: 57197734994

EDUCATION

2016 – 2019 PhD in materials science and engineering, NTNU: Norwegian University of Science and Technology, Faculty of Engineering, Norway.

2014 – 2016 Master's degree in chemical engineering, Riga Technical University (incl. ERASMUS exchange in Stockholm University, Sweden), Faculty of Materials Science and Applied Chemistry, Latvia.

2010 – 2014 Bachelor's degree in chemical engineering, Riga Technical University, Faculty of Materials Science and Applied Chemistry, Latvia.

WORK EXPERIENCE

2024 – RIS3 expert at the Department of Higher Education, Science and Innovation of the Ministry of Education and Science of the Republic of Latvia, in the RIS3 specialization area of smart materials, technologies and engineering systems, Latvia.

2024 – Lead Researcher in materials science, polymers and composites, Riga Technical University, Latvia.

2023 – Postdoctoral Researcher at the Advanced & Sustainable Engineering Materials Laboratory (ASEMLab), NTNU: Norwegian University of Science and Technology, Faculty of Engineering, Norway.

2020 – 2023 Researcher at the University of Latvia, Faculty of Science and Technology, Latvia.

2019 – 2020 Researcher and Project Manager at SINTEF Industry, Norway.

2016 – 2019 Doctoral Researcher at NTNU: Norwegian University of Science and Technology, Faculty of Engineering, Norway.

2015 – 2016 Chemical Engineer, R&D department, Baltic3D, Latvia.

2012 – 2015 Research Assistant, NeoZeo & Bioenergy Consulting, Latvia and Sweden.

SCIENTIFIC PROJECTS

As a participant in the following projects

NTNU

- PRecycling "Plastics Recycling from and for home appliances, toys and textile", financed by European Union's Horizon Europe research and innovation programme, 2023 – 2024.
- H2ELIOS "HydrogEn Lightweight & Innovative tank for zerO-emisSion aircraft", financed by European Union's Horizon Europe research and innovation programme, 2023 – 2024.
- AMULET "Advanced Materials and Manufacturing Technologies united for Lightweight", financed by European Union's Horizon Europe research and innovation programme, 2023 – 2024.

- Joint Industrial Project (JIP) “Affordable Composites in the oil and gas industry”, financed by Research council of Norway PETROMAKS2 programme, 2016 – 2019.

UL & ISSP UL

- CircleP "Unused Latvia's natural mineral resources for the development of innovative composite materials for phosphorus recovery from small municipal and industrial wastewater treatment plants to implement the principles of circular economy", financed by Latvian Science Council LZP Fundamental and Applied Research FLPP programme, 2022 – 2024.
- Individual Postdoctoral Grant “Modelling Toolbox for Predicting Long-Term Performance of Structural Polymer Composites under Synergistic Environmental Ageing Conditions”, financed by the European Regional Development Fund, 2021 – 2023.
- CAMART² “The Excellence Centre of Advanced Material Research and Technology Transfer CAMART²”, financed by European Union's Horizon 2020 research and innovation programme, 2020 – 2021.

SINTEF

- POCOPlast “Pathways to sustainable post-consumer plastics in aquaculture”, financed by Research Council of Norway MILJØFORSK programme, 2019 – 2020.
- FANGST “Reducing the cost of CO2 capture by using polymer-based materials”, financed by Research Council of Norway CLIMIT programme, 2019 – 2020.
- DACOMAT “Damage Controlled Composite Materials”, financed by European Union's Horizon 2020 research and innovation programme, 2019 – 2020.

SCIENTIFIC PUBLICATIONS

Documents by author **46**; **h-index: 20** (SCOPUS)