



CAROTS STARTUP SCHOOL
SCIENTIFIC SERVICES BROUGHT TO LIFE

The participants of the CAROTS Startup School 2021



Gerd Datzmann

Founder and CEO of Datzmann interact & innovate GmbH, Germany

Consulting services in the field of healthcare, life science und material analysis with a focus on accelerator based technologies



Hanno Evard

Research Fellow, Institute of Chemistry, University of Tartu, Estonia

Liquid chromatography mass spectrometry



Hanno's team members:



Airiin Laaneväli

Junior Research Fellow in Analytical and Physical Chemistry, Faculty of Science and Technology, University of Tartu, Estonia

Liquid chromatography mass spectrometry



Indrek Saar

Master's degree, Material Science, University of Tartu, Estonia

Liquid chromatography mass spectrometry





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Taina Laiho

Senior Researcher, Materials Research Laboratory, University of Turku, Finland

Industrial co-operation, materials research, surfaces, minerals, physics, chemistry



Mikko Laitinen

Academy Research Fellow, Department of Physics, University of Jyväskylä, Finland

Expert in materials analysis, elemental depth profiling down to sub-monolayer films, Time-of-Flight-Elastic Recoil Detection Analysis



Emanuel Larsson

Postdoctoral Researcher, Faculty of Engineering, Lund University, Sweden

Wood Science, Paper, Pulp and Fiber Technology, X-ray and Neutron tomography, Synchrotron X-ray micro- and nanotomography





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Lars-Åke Näslund

Senior Research Engineer, Department of Physics, Chemistry and Biology (IFM), University of Linköping, Sweden

Synchrotron radiation based XPS and XAS studies, mostly at MAX IV. Designing, developing, and maintaining vacuum systems for thin films deposition



Solange Sanahuja

Scientist and Engineer R&D, Research Associate, Bern University of Applied Sciences (BFH), School of Agricultural, Forest and Food Sciences (HAFL), Switzerland

Machine learning in pharmaceutical, medical and food industries



Solange's team members:



Pridi Siregar

Co-founder & General Manager at Integrative BioComputing – IBC, France

Developing R&D, decision-making, and educational tools in the life-sciences and medicine



Manuel Fedou

Senior Application Engineer - Electrification, Speedgoat GmbH, Switzerland

Proof of concepts for customer projects with demanding requirements in the motor or power electronics domain





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Vanessa Schmitt

Business Development Manager Industrial Biotechnology, Helmholtz Innovation Lab MiBioLab at Forschungszentrum Jülich, Germany

Disruptive technologies for accelerated bioprocess development from academia into application to improve your microbial production



Rafail Tasakis

PhD student, Division of Immune Diversity, German Cancer Research Center (DKFZ)

Mechanistically linking RNA-editing events with cancer evolution in human tumours



Rafail's team members:



Anastasia Kazolea

Project Engineer at IDMON, Greece

Spatial Planning and Development Engineer with a Master in Energy Building Design



Nikolas Pattakos

HPC software engineer for scientific computing at the French National Centre for Scientific Research

Software Engineer skilled in C/C++, algorithms, profiling/testing and parallel applications such as multithreading



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Ahmet Bahadir Yildiz

PhD student at SwedNess (Swedish graduate school for neutron scattering), KTH Royal Institute of Technology, Sweden

In-house characterization tools (e.g. electron microscopy and X-ray diffraction) with synchrotron X-ray and neutron scattering techniques



Ahmet's team member:



Peter Hedström

Professor in Materials Science, Head of Hultgren Laboratory, Director Center for X-rays in Swedish Materials Science (CeXS), Dept. Materials Science and Engineering, KTH Royal Institute of Technology, Sweden

Advanced materials characterization, Structure-property relations in engineering materials, Deformation of metals,

Phase transformations in inorganic materials, Powder metallurgy, Materials design.



Berit Zeller-Plumhoff

Head of Department for Imaging and Data Science, Institute for Metallic Biomaterials at Helmholtz-Zentrum Geesthacht Centre for Materials and Coastal Research, Germany

Investigating the degradation behaviour of magnesium-based implants in vitro and ex vivo using high-resolution X-ray radiation.

