



Dr. Melissa Santala

June 20-24, 2022

Associate Professor
College of Engineering
Oregon State University

Overview and Goals

Connect with BW faculty and staff to explore future academic and research partnerships between Oregon and BW in the field of materials science and solid-state physics.

Offer two seminars on the following topics: "Revealing thermodynamics and kinetics of crystallization of phase change materials using complementary microscopic techniques" and "Atomic-level interfacial structure of Pt in contact with γ -alumina."



Take-Aways

Furthered connections with faculty at partner institutions to pursue research, exchanges, and internship opportunities.

Identified opportunities for expansion of ATLANTIS program at Oregon State University.

ATLANTIS is a preparatory language program to bring STEM students up to the needed German language proficiency for studying at a German university. Dr. Santala will facilitate connections to look for opportunity to expand this program for students in the exchange program.

Stuttgart

University of Stuttgart
Sibylle Langer, International Office
Prof. Dr. h.c. Guido Schmitz, Max Planck
Institut for Solid State Research

Ulm

University of Ulm
Daniel Kanzleiter, International Office
Dr. Johannes Biskupek, Materials Science
Electron Microscopy at SALVE
Prof. Dr. Carl Krill, Institute of Functional
Nanosystems

Tübingen

University of Tübingen
Prof. Jannik Meyer, Natural and Medical
Sciences Institute
Prof. Tilman Schäffer, Professor of Physics
and Medical Engineering



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Baden-Württemberg
MINISTRY OF SCIENCE, RESEARCH AND ARTS