

Advanced Engineering Materials

The aim of the workshop is to report some of the remarkable latest advanced materials with potential application in technology and health care.

25 October 2022

Hybrid Event

Speakers



Prof. Micah J. Green, PhD

Texas A&M University, USA

Heating, curing, and welding of nanomaterials & polymers by RF heating



Prof. Olivia A. Graeve, PhD

University of California San Diego, USA

Materials for space environments: extremes of temperature, pressure and radiation



Prof. Elena Pereloma, PhD

University of Wollongong, Australia

Characterization of deformed microstructure in Ti alloys exhibiting transformation-induced plasticity and/or twinning-induced plasticity effects



Prof. Yuri Estrin, PhD

Monash University, Australia

Designing new materials and structures based on topological interlocking of building blocks



Dr. Duyao Zhang

RMIT University, Australia

Grain refinement in 3D printing of Titanium alloys



Prof. Olaf Karthaus, PhD

Chitose Institute of Science and Technology, Japan
Unusual biomaterials for environmentally friendly applications



Prof. Ryuzo Kawamura, PhD

Saitama University, Japan

Integration of driving forces from motor proteins toward active materials



Prof. Alexandre Loukanov, PhD, DSc

National Institute of Technology, Gunma College, Japan
Photo-oxidase carbon dot-based nanozyme for breast cancer theranostics

Time: 12:30 AM - 5:30 PM

Place: NIT, Gunma College, Building 30 (Dept. of Information and Computer Engineering), 2F, 電子情報工学科棟 / 大講義室

In case of queries, please contact:



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