

Rutgers Materials Science & Engineering Department
Faculty List by Field

Energy Storage, Battery Technology, Solid State Ionics, Photovoltaics & Solar Energy
G. Amatucci D. Birnie T. Tsakalakos
Mechanical Properties & Behavior of Structural Materials
A. Mann R. Sills J. Matthewson E. K. Akdoğan T. Nosker T. Tsakalakos R. Haber
Biomaterials
A. Mann L. Fabris T. Tsakalakos A. Goel
Nanomaterials
A. Mann L. Fabris T. Tsakalakos G. Amatucci E. K. Akdoğan A. Safari
Thin Film Science & Engineering of Advanced Materials
A. Safari G. Amatucci T. Tsakalakos D. Birnie E. K. Akdoğan
Optical Materials & Photonics
A. Safari J. Matthewson D. O'Carroll L. Fabris A. Goel
Surfaces and Interfaces Science & Technology
L. Fabris S. Garofalini T. Tsakalakos
Sustainability & Green Processing of Materials
T. Nosker R. Lehman R. Riman
Computational Materials Science & Simulations
R. Sills E. K. Akdoğan J. Matthewson S. Garofalini
Electronic Materials & Semiconductors
A. Safari G. Amatucci D. O'Carroll E. K. Akdoğan
Polymers & Polymer Processing
T. Nosker R. Lehman R. Riman D. O'Carroll
Glass, Glass Processing, Hybrid Materials & Sol-Gel Processing
R. Lehman J. Wenzel A. Goel L. Klein
Ceramics, Advanced Ceramic Processing, Hydrothermal Synthesis & Additive Manufacturing
R. Haber E. K. Akdoğan A. Safari R. Riman
Metallurgy
E. K. Akdoğan R. Sills T. Tsakalakos
Electron Microscopy, Microanalysis, Synchrotron X-ray Diffraction, Raman Spectroscopy
P. Batson E. K. Akdoğan T. Tsakalakos A. Mann L. Fabris
Composite Materials
R. Haber R. Lehman T. Nosker T. Tsakalakos
Energy Harvesting
G. Amatucci D. Birnie D. O'Carroll A. Safari
Phase Transformations & Equilibria in Materials
G. Amatucci T. Tsakalakos A. Goel E. K. Akdoğan