

Missouri University of Science and Technology
Department of Chemistry
Final Graduate Seminar Schedule for Fall 2017

All seminars are held on Monday at 16:00 in room 126 Schrenk Hall except on 28 August and 11 September 2017 when the seminar will meet at 16:00 in G3 Schrenk Hall

Monday, 21 August 2017

No seminar – ACS National Meeting, 20-24 August 2017, Washington, DC

Monday, 28 August 2017

General Safety and Hazardous Chemical Management

Environmental Health and Safety^[11] Office Staff

Missouri University of Science and Technology

Monday, 4 September 2017

Labor Day – no seminar

Monday, 11 September 2017

Hazardous Waste Management, Fire Safety, and Spill Response

Environmental Health and Safety^[11] Office Staff

Missouri University of Science and Technology

Monday, 18 September 2017

Location and Nature of Natural Resources

Dr. Marek Locmelis

Department of Geosciences and Geological and Petroleum Engineering

Missouri University of Science and Technology

Monday, 25 September 2017

Atomic Motion Under the Microscope – Controlling and Analyzing Few-body Dynamics

Daniel Fischer

Department of Physics

Missouri University of Science and Technology

Monday, 2 October 2017

The Role of Mössbauer Spectroscopy and X-ray Diffraction in the Study of Prussian Blue Fading

Gary J. Long

Department of Chemistry

Missouri University of Science and Technology

Monday, 9 October 2017

Cancer Biomarker Discovery Using Urinary Metabolomics and Advanced Analytical Techniques:
Achievement and new Challenges

Yinfa Ma

Department of Chemistry

Missouri University of Science and Technology

Monday, 16 October 2017
Drug the Undruggable: from Nature to Precision Cancer Medicine
Liang Xu
Department of Molecular Bioscience
University of Kansas
Faculty host: Risheng Wang

Monday, 23 October 2017
Microwave Spectroscopic Models for Hydrogen Storage in Metal Oxide Frameworks
Stewart E. Novick
Department of Chemistry
Wesleyan University
Middleton, Connecticut
Faculty host: Garry Grubbs

Monday, 30 October 2017
Epitaxial Lift-off of Electrodeposited Gold Single Crystal Foils For Flexible Electronics
Jay A. Switzer
Department of Chemistry
Missouri University of Science and Technology

Monday, 6 November 2017
The Influence of the Contamination Found in Mine Tailings on Plant Growth
Joel G. Burken
Department of Civil, Architectural, and Environmental Engineering
Missouri University of Science and Technology

Monday, 13 November 2017
pH Measurements Using Fluorine-19 NMR Spectroscopy
Ming Huang
Department of Chemistry
Missouri University of Science and Technology

Monday, 20 November 2017
Thanksgiving holiday – no seminar

Monday, 27 November 2017
Analysis of Nanoparticle Cytotoxicity in Yeast Cells Using SC-ICPMS
Lindsey K. Rasmussen
Department of Chemistry
Missouri University of Science and Technology

Monday, 4 December 2017
Harmful Algal Blooms: Symptoms of Ecological Imbalance and Ecosystem Integration
Dr. Keith Loftin
US Geological Survey
Faculty host: Hong-lan Shi