



Materials Science in Extreme Environments (MSEE) Annual Technical Review
Tuesday, June 11 – Thursday, June 13, 2023

Poster Guidance (for MSEE PIs, students, and postdocs)

The objectives of the poster session are to:

- Provide a forum to promote cross-research/focus area and program-wide collaboration;
- Enhance the sharing of knowledge between the Alliance and DTRA;
- Allow invited external agency personnel and MSEE leadership the opportunity to review the research tasks.

Poster Guidance

- Each PI should designate a representative to prepare and present a poster.
- The focus of the poster should be on reporting research activities from the BPP-1 and the start of BPP-2.
- Include a technical overview and top-level plans for BPP-2 in the “Technical Approach, Key Accomplishments, and Path Forward” section.
- Some Research Area/Focus Area leads may provide additional guidance regarding poster preparation.
- The information presented in the poster is critical as it provides the MSEE leadership the ability to assess the progress and contributions of the task.

The 2024 MSEE tasks and their associated principal investigators (PI) are listed below by focus area. When registering your poster in Eventbrite, each poster should be affiliated with a poster number. Poster numbers are listed in the table below.

PRINCIPAL INVESTIGATOR	POSTER NUMBER
RA1-FA1: Material Properties for Reducing Model Uncertainty	
Jim Gaffney	RA1-FA1_Gaffney
June Wicks	RA1-FA1_Wicks
Gena Miloshevsky	RA1-FA1_Miloshevsky
Mike Shields	RA1-FA1_Shields
Adib Samin	RA1-FA1_Samin
RA1-FA2: Material Constitutive Models (Soil, Rock, Concrete)	
Ryan Hurley	RA1-FA2_Hurley
Todd Hufnagel	RA1-FA2_Hufnagel
KT Ramesh	RA1-FA2_Ramesh
Mike Shields	RA1-FA2_Shields
RA2-FA2: Tailoring Chemistry via Materials	
Mike Zachariah	RA2-FA2_Zachariah
Ed Dreizin	RA2-FA2_Dreizin
Lori Groven	RA2-FA2_Groven



Lorenzo Mangolini	RA2-FA2_Mangolini
James Larentzos/John Brennan	RA2-FA2_Larentzos/Brennan
Tim Weihs	RA2-FA2_Weihs
Bryan Wong	RA2-FA2_Wong
RA3-FA1: Nuclear Fireball Plasma Chemistry	
Davide Curreli	RA3-FA1_Curreli
Ed Dreizin	RA3-FA1_Dreizin
Nick Glumac	RA3-FA1_Glumac
Hari Harilal	RA3-FA1_Harilal
Debbie Levin	RA3-FA1_Levin
Mark Phillips	RA3-FA1_Phillips
Harry Radousky	RA3-FA1_Radousky
Neeraj Sinha	RA3-FA1_Sinha
RA3-FA2: High Temperature Properties and Chemistry of Agents and Simulants	
Hergen Eilers	RA3-FA2_Eilers
Tim Weihs	RA3-FA2_Weihs
Nick Glumac	RA3-FA2_Glumac
Suresh Menon	RA3-FA2_Menon
Mark Phillips	RA3-FA2_Phillips
Neeraj Sinha	RA3-FA2_Sinha
Ed Dreizin	RA3-FA2_Dreizin
Gennday Gor	RA3-FA2_Gor
Leslie Abdul-Aziz	RA3-FA2_Abdul-Aziz
RA4-FA1: X-ray Induced Blow-off and Plasma	
Gena Miloshevsky	RA4-FA1_Miloshevsky
RA4-FA2: High Temperature Properties and Chemistry of Agents and Simulants	
Farhat Beg	RA4-FA2_Beg
Javier Garay	RA4-FA2_Garay
Sivanandan Harilal	RA4-FA2_Harilal
Harry Radousky	RA4-FA2_Radousky
Rick Spielman	RA4-FA2_Rochester
CCRI: Cross Cutting Research Initiative	
Mark Foster	CCRI_Foster
Todd Hufnagel	CCRI_Hufnagel
Tim Mueller	CCRI_Mueller
Brian Barnes	CCRI_Barnes
Mike Shields	CCRI_Shields
Vishal Patel	CCRI_Patel



MSEE

MATERIALS SCIENCE IN
EXTREME ENVIRONMENTS
UNIVERSITY RESEARCH ALLIANCE

Poster Content and Admin

- The Poster template file is available at: [annual technical review event webpage](#)
- Each PI or institution is responsible for printing their poster.
- Posters should not exceed 36” x 48” in dimensions.
- Poster tripod, backing board, and clips will be provided on-site.
- *Each poster title needs to be registered in Eventbrite by only one contributor. To avoid duplication please coordinate with all authors prior to poster registration.*

*Posters should be uploaded to this: [One Drive Folder](#) no later than **Friday, May 31st**.*