

# 2019 TCG-I and TCG-XI Spring Review

Dr. Martin Schmidt/Dr. Kirk Vanden | March 12-14, 2019 | Arlington, VA

George Mason University Founders Hall  
3351 Fairfax Drive  
Arlington, VA 22201

## Agenda Day 1 – Tuesday, March 12, 2019 | Room 111

Time	Topic	Speaker
0730-0800	Check-in (time set aside for any required building check-in/badging procedures)	
0800-0845	Welcome and OSD remarks	Kirk Vanden and Aaron Brundage
0845-9:45	Continuum Mechanics for Shock Physics, Sierra, Experiments, and Mesoscale Modeling (Sandia, TCG-I)	Kim Mish and SNL staff
9:45-10:15	BREAK	
10:15-11:30	Continuum Mechanics for Shock Physics, Sierra, Experiments, and Mesoscale Modeling (Sandia, TCG-I)	Kim Mish and SNL staff
11:30-1:00	LUNCH	
1:00-1:30	Terminal Ballistics Technology Project (Sandia, TCG-XI)	Kevin Ruggirello
1:30-2:00	Multiscale and Probabilistic Modeling of Penetration (Sandia, TCG-XI)	Stewart Silling
2:00-3:30	Discussion of SNL Projects and Feedback from DoD	All
3:30-4:30	Air Force Challenges and Needs - 5-Rock Warhead Concepts	Kirk Vanden
1630	Adjourn	

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## Agenda Day 2 – Wednesday, March 13, 2019 | Room 120

Time	Topic	Speaker
0730-0800	<b>Check-in (time set aside for any required building check-in/badging procedures)</b>	
0800-9:30	3D Computations and Experiments (Lawrence Livermore, TCG-I)	James McCarrick, Doug Faux, Andy Anderson
9:30-10:00	<b>BREAK</b>	
10:00-11:00	3D Computations and Experiments (Lawrence Livermore, TCG-I)	James McCarrick, Doug Faux, Andy Anderson
11:00-12:00	Dynamic behavior of concrete (Lawrence Livermore, TCG-XI)	Eric Herbold
12:00-1:30	Lunch	Arlington Restaurants
1:30-2:15	Design Tools (LLNL, TCG-I)	Dan Laney
2:15-3:45	Discussion of LLNL Projects and Feedback from DoD	All
3:45-?	Army and/or Navy Challenges or Needs talks ????	TBD
1700	<b>Adjourn</b>	

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## Agenda Day 3 – Thursday, March 14, 2019 | Room 111

Time	Topic	Speaker
0730-0800	Check-in (time set aside for any required building check-in/badging procedures)	
0800-9:30	Thermal and Loading Dynamics of Energetics and Polymer Behavior Under Dynamic Loading (Los Alamos)	Matt Lewis
9:30-10:00	BREAK	
10:00-11:30	Dynamic Properties of Materials (Los Alamos)	Ricardo Lebensohn
11:30-1:00	LUNCH	
1:00-1:30	Fragment Impact and Response Experiments (Los Alamos)	Mark Marr-Lyon
1:30-3:00	Discussion of LANL Projects and Feedback from DoD	All
3:00-?	Additional talks if Wed fills up, otherwise end early for those that have to travel.	
1500	Adjourn	