

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Division on Engineering and Physical Sciences
Committee on NIST Technical Programs

**Panel on Review of the Material Measurement Laboratory (MML) at the
National Institute of Standards and Technology (NIST)
September 8-11, 2020**

**VIRTUAL MEETING AGENDA
Applied Chemicals and Materials Division - 647**

Wednesday, September 9, 2020

DATA GATHERING SESSION (OPEN TO THE PUBLIC)
(See Directory)

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| 11:00 a.m. EDT | Welcome and Charge to the Panel, Walter G. Copan , NIST Director |
| 11:15 a.m. EDT | Overview of the Material Measurement Laboratory, Eric Lin , Director, Material Measurement Laboratory |

DATA GATHERING SESSION (OPEN TO THE PUBLIC)
(See Directory)

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| 3:00 p.m. EDT | Applied Chemicals and Materials Division 647 Overview (30 minutes) and Discussion (20 minutes), John Perkins |
| 3:50 p.m. EDT | <i>Break</i> |
| 4:00 p.m. EDT | Analysis of Material Structure (30 minutes) and Discussion (20 minutes), Bob Keller |
| 4:50 p.m. EDT | <i>Break</i> |
| 5:00 p.m. EDT | Measurements and Standards for Materials Reliability (30 minutes) and Discussion (20 minutes), Andy Slifka |
| 5:50 p.m. EDT | <i>Break</i> |
| 6:00 p.m. EDT | Adjourn |

Thursday, September 10, 2020

DATA GATHERING SESSION (OPEN TO THE PUBLIC)
(See Directory)

10:00 a.m. EDT	Measurement and Modeling of Thermophysical Properties (30 minutes) and Discussion (20 minutes), Mark McLinden
10:50 a.m. EDT	<i>Break</i>
11:00 a.m. EDT	Data and Informatics for Thermophysical Properties (30 minutes) and Discussion (20 minutes), Chris Muzny
11:50 a.m. EDT	<i>Break</i>

DATA GATHERING SESSION - PANEL, NRC STAFF, NIST STAFF (OPEN TO THE PUBLIC)
(See Directory)

12:00 p.m. EDT	<i>Lunch</i>
1:00 p.m. EDT	Informal Discussion Sessions: Panel Member – NIST Staff Three concurrent sessions: • Early Career • Mid-Career • Late-Career

DATA GATHERING SESSION (OPEN TO THE PUBLIC)
(See Directory)

2:00 p.m. EDT	Vapor Science for Forensics and Public Safety (30 minutes) and Discussion (20 minutes), Tara Lovestead
2:50 p.m. EDT	<i>Break</i>
3:00 p.m. EDT	Wrap up and Discussion, John Perkins
4:00 p.m. EDT	Division Sub-Panels Adjourn

Friday, September 11, 2020

DATA GATHERING SESSION (OPEN TO THE PUBLIC)
(See Directory)

1:00 p.m. EDT	Full Panel meets with MML Management
2:00 p.m. EDT	Adjourn open session

DATA GATHERING SESSION (OPEN TO THE PUBLIC)
(See Directory)

4:00 p.m. EDT	Panel Chair meets with MML Director and NIST Associate Director for Laboratory Programs
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