

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
Chemical Sciences Division - 646**

Wednesday, September 9, 2020

DATA GATHERING SESSION (OPEN TO THE PUBLIC)

(See Directory)

- | | |
|----------------|--|
| 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)

- | | |
|---------------|---|
| 3:00 p.m. EDT | Welcome and Chemical Sciences Division Overview, Carlos Gonzalez , Chief |
| 4:00 p.m. EDT | <i>Break</i> |
| 4:05 p.m. EDT | Measurement Science Overview, Pam Chu |
| 4:25 p.m. EDT | Measurement Services Overview, Michael Winchester |
| 4:45 p.m. EDT | Data and Informatics, Vince Shen |
| 5:05 p.m. EDT | <i>Break</i> |
| 5:10 p.m. EDT | Gas SRM/RGM Program (video/lab tour), Christina Cecelski |
| 5:25 p.m. EDT | Gas NTRM Program (w/video), William Kimes |
| 5:40 p.m. EDT | Omics Program (Website tour and NMR tour), Tracey Schock; Paulina Piotrowski |
| 6:00 p.m. EDT | Adjourn |

Thursday, September 10, 2020

DATA GATHERING SESSION (OPEN TO THE PUBLIC)

(See Directory)

10:00 a.m. EDT	Avogadro Project (w/video), Sabelas Rabb
10:15 a.m. EDT	Food Nutrition/Safety (w/video), Melissa Phillips
10:30 a.m. EDT	Cannabis Metrology (w/video), Walter Brent Wilson
10:45 a.m. EDT	Isotopes Spectroscopy Measurements and Remote Sensing, Adam Fleisher
11:05 a.m. EDT	<i>Break</i>
11:10 a.m. EDT	Molecular Simulations and Computations, Harold Hatch
11:25 a.m. EDT	Machine Learning Development and Molecular Simulations, Nathan Mahynski
11:40 a.m. EDT	NIST Biorepository/Cryogenic RM Production (w/video), Jennifer Ness; Amanda Moors
11:55 a.m.	Applied Machine Learning, David Sheen

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: <ul style="list-style-type: none">• Early Career• Mid-Career• Late-Career

DATA GATHERING SESSION (OPEN TO THE PUBLIC)

(See Directory)

2:00 p.m. EDT	PPE Outgassing Measurements (COVID-19 Response), Cassie Goodman
2:15 p.m. EDT	Filtration Efficiency of Cloth Masks (COVID-19 Response), Chris Zangmeister
2:30 p.m. EDT	Hand Sanitizers Measurements (COVID-19 Response), Mary Bedner
2:45 p.m. EDT	Single-particle ICP-MS Measurements (w/video), Karen Murphy
3:00 p.m. EDT	<i>Break</i>
3:05 p.m. EDT	Emergent Contaminants 1: PFAS Measurements (w/video), Benjamin Place
3:20 p.m. EDT	Emergent Contaminants 2: Plastic Pollution (w/video), Jennifer Lynch; Katherine Shaw

3:35 p.m. EDT	Industrial Commodity SRMs (w/video), John Sieber
3:50 p.m. EDT	Thin Film Deposition, Berc Kalayan
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
---------------	---