

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Division on Engineering and Physical Sciences
Laboratory Assessment Board

**Meeting of the
National Academies Panel on Review of Five Divisions of the Physical
Measurement Laboratory (PML) at the National Institute of Standards and
Technology (NIST)**

**Gaithersburg, Maryland
September 9 - September 11, 2025**

AGENDA

DATA GATHERING SESSION (OPEN TO THE PUBLIC)

Location: Building 101, Heritage Room

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| 9:10 – 9:55 a.m. | NIST Overview and Statement of Task Discussion , Dr. Shyam Sunder, <i>Associate Director for Laboratory Programs, NIST</i> |
| 9:55 – 10:20 a.m. | PML Overview , Dr. James Kushmerick, <i>Director of the PML, NIST</i> |
| 10:20 – 10:50 a.m. | PML Priorities: <ul style="list-style-type: none">• SI Realization• SI Dissemination: Calibrations and NIST on a Chip• Quantum Science• Fabrication for Metrology/Metrology for Fabrication• Applications of Physical Measurement |
| 10:50 – 11:15 a.m. | <i>Break</i> ; Sub-panels move to their respective division presentations and tours. |

Locations: See separate detailed sub-panel agendas

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| 11:15 a.m. – 3:45 p.m. | Gaithersburg Division Presentations and Tours (separate sub-panels, Division Chiefs Will Be Available for Questions) <ul style="list-style-type: none">• <i>Breaks</i> as needed and make sense for each sub-panel• 12:15 – 1:15 p.m., <i>working lunch with post-docs and early-career staff</i> for each sub-panel |
| 3:45 p.m. – 4:00 p.m. | <i>Break</i> and sub-panels move to poster session Building 101, Hall of Flags |

Location: Building 101, Hall of Flags

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| 4:00 – 4:45 p.m. | Poster Session |
| 4:45 p.m. – 5:00 p.m. | <i>Break and move to closed panel session.</i> |

Wednesday, September 10, 2025

DATA GATHERING SESSION (OPEN TO THE PUBLIC)

Location: See separate detailed sub-panel agendas

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| 8:00 a.m. – 2:30 p.m. | Gaithersburg Division Presentations and Tours (separate sub-panels, Division Chiefs Will Be Available for Questions) <ul style="list-style-type: none">• <i>Breaks</i> as needed and make sense for each sub-panel• 11:50 a.m. – 12:50 p.m., <i>working lunch with division representatives</i> for each sub-panel• Concluding with <i>wrap-up session with division representatives</i>. |
| 2:30 p.m. – 2:45 p.m. | <i>Break</i> and sub-panels return to Building 101, Heritage Room |

Thursday, September 11, 2025

DATA GATHERING SESSION (OPEN TO THE PUBLIC)

Location: Building 101, Heritage Room

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| 10:30 a.m. – 12:00 noon | Full Panel Meets with Laboratory Leadership, Division Chiefs, and Others Invited by NIST to Clarify Impressions and Facts |
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