	Materials Technology (MAT)–Metals		
	Tuesday, June 2		**Wednesday, June 3**
8:00 AM	**Continental Breakfast**		
9:00 AM	MAT298: LMCP 2.0 Thrust 1A Flaw Mitigation and Repair in Ultra Large Castings Composed of High Secondary Alloy Content Saumyadeep Jana & Piyush Upadhyay, Pacific Northwest National Laboratory	9:00 AM	MAT295: PMCP 2.0 Task 2A: High Resistivity Fe6SI-X Rolled Steels for Soft Magnetic Cores Govindarajan Muralidharan, Oak Ridge National Laboratory/Pacific Northwest National Laboratory
9:30 AM	MAT299: LMCP 2.0 Thrust 1B Post Processing of Castings for Energy Absorption in Crash Piyush Upadhayay, Pacific Northwest National Laboratory	9:30 AM	MAT296: PMCP 2.0 Task 2E: Near Net Shape High Strength SMCs for Axial Flux Motors Vineet Joshi, Pacific Northwest National Laboratory
10:00 AM	MAT300: LMCP 2.0 Thrust 1C Enhancing Mechanical Performance of HPDC Al Castings by In-situ Ultrasonic Processing Aashish Rohatgi, Pacific Northwest National Laboratory	10:00 AM	MAT380: PMCP 2.0 Task 2D.Fundamentals of Design and Processing of Heavy Rare Earth Free Permanent Magnets Chins Chinnasamy, Oak Ridge National Laboratory
10:30 AM	MAT301: LMCP 2.0 Thrust 1D-24 Mechanical Behavior of HPDC Al Alloys with High Secondary Content Sumit Bahl, Oak Ridge National Laboratory	10:30 AM	MAT365: PMCP 2.0 Task 2F: Aluminum Matrix - Permanent Magnet Composite Rotors for Lightweight Axial Flux Motors Mert Efe, Pacific Northwest National Laboratory
11:00 AM	MAT360: LMCP 2.0 Task 5 Advanced Characterization and Computation (AI) Arun Devaraj, Pacific Northwest National Laboratory	11:00 AM	MAT366: PMCP 2.0 Task 2B: Ferrite Ceramics for Magnetic Field Control & Enhancement Beth Armstrong, Oak Ridge National Laboratory/Pacific Northwest National Laboratory
11:30 AM	**Lunch**		
1:10 PM	MAT302: LMCP 2.0 Thrust 2A-24: Design of Sustainable Lightweight Cast Alloys for HPDC Amit Shyam, Oak Ridge National Laboratory	1:10 PM	MAT159: PMCP 2.0 Task 1A-25Fundamentals of developing Low Cost Higher Temperature Light Weight Structural Alloys for Propulsion Amit Shyam, Oak Ridge National Laboratory/Pacific Northwest National Laboratory
1:40 PM	MAT303: LMCP 2.0 Thrust 2B-24: Optimization of T5 heat treatments in diecast alloys Dongwon Shin, Oak Ridge National Laboratory	1:40 PM	MAT367: PMCP 2.0 Task 1B-25Printable Creep-Resistant Light Weight conductors Jovid Rakhmonov, Oak Ridge National Laboratory/Pacific Northwest National Laboratory
		1:55 PM	MAT368: PMCP 2.0 Task 1C-25Fundamentals of Lightweight Conductor Alloy Design Amit Shyam, Oak Ridge National Laboratory/Pacific Northwest National Laboratory
2:10 PM	MAT304: LMCP 2.0 Thrust 2C-24. Fundamentals of Solidification for LW Alloys with High Secondary Content Ying Yang, Oak Ridge National Laboratory	2:10 PM	MAT294: PMCP 2.0 Task 1E-25 Bulk-Scale Ultra-Condoctors via Low C Manufacturing pathways Keerti Kappagantula , Pacific Northwest National Laboratory
2:40 PM	MAT305: LMCP 2.0 Thrust 2E-24: Upcycling of Secondary LW Alloys using Additive Manufacturing Jovid Rakhmonov, Oak Ridge National Laboratory	2:40 PM	MAT369: PMCP 2.0 Task 1D-25Ultra-Conducting Copper Composites (UCCs) Tolga Aytug, Oak Ridge National Laboratory/Pacific Northwest National Laboratory
3:10 PM	**Break**		
3:45 PM	MAT341: LMCP 2.0 Thrust 2F Sustainable Aluminum Castings as Feedstocks for Wrought Processing Scott Whalen, Pacific Northwest National Laboratory	3:45 PM	MAT371: 2.0 Task 3A2-25 Fundamentals of High Temperature Oxidation of Advanced Engine Materials Marie Romedenne, Oak Ridge National Laboratory
4:00 PM	MAT361: LMCP 2.0 Thrust 2D Corrosion of Impurity Tolerant Al Alloys Severine Cambier, Oak Ridge National Laboratory/Pacific Northwest National Laboratory		
4:15 PM	MAT362: LMCP 2.0 Thrust 3A-A Thermo-Mechanical Processing Techniques to Enable a Versatile and Recyclable 6xxx Unialloy and LMCP 2.0 Thrust 3A-B Formality and Edge Stretchability of Recyclable 6xxx Aluminum Alloys Mert Efe & Aashish Rohatgi, Pacific Northwest National Laboratory	4:15 PM	MAT373: PMCP Task 3A4: Printable High Temp Tool & Die Steels for Domestic Transportation Applications Dean Pierce, Oak Ridge National Laboratory/Pacific Northwest National Laboratory
		4:30 PM	MAT379: PMCP Task 3A3: Advanced Higher Temperature Steels for Pistons & Fuel Injectors Dean Pierce, Oak Ridge National Laboratory/Pacific Northwest National Laboratory
4:45 PM	MAT364: LMCP 2.0 Thrust 3B Solid Phase Processing of Magnesium Alloys for Improved Performance Mageshwari Komarasamy, Pacific Northwest National Laboratory	4:45 PM	MAT236: Advanced Characterization and Computational Methods (ORNL, PNNL) Thomas Watkins, Oak Ridge National Laboratory/Pacific Northwest National Laboratory
5:00 PM			