Room	Sunday	Monday		Tuesday		Wednesday		Thursday	
	PM	AM	PM	AM	PM	AM	PM	AM	PM
200N		Advances in Cement-Based Materials: Manufacture, Hydration, Admixture Interaction, Properties, and Degradation: Characterization of Cement Hydration and Microstructure Development	Advances in Cement-Based Materials: Manufacture, Hydration, Admixture Interaction, Properties, and Degradation: Advances in Production and Processing of Cement and Cement-Based Composites	Advances in Cement-Based Materials: Manufacture, Hydration, Admixture Interaction, Properties, and Degradation: Early Age and Hardened Properties of Cement-Based Materials	Advances in Cement-Based Materials: Manufacture, Hydration, Admixture Interaction, Properties, and Degradation: Nanostructure of Cement and Cement-Based Composites MS&T 06 Lectures: ACerS Della Roy Lecture	Advances in Cement-Based Materials: Manufacture, Hydration, Admixture Interaction, Properties, and Degradation: Durability of Cement-Based Composites			
201N		Advanced Processing of Biomaterials: Metallic Biomaterials	Advanced Processing of Biomaterials: Polymeric Biomaterials	Advanced Processing of Biomaterials: Ceramic Biomaterials	Advanced Processing of Biomaterials: Nanostructured Biomaterials	Advanced Processing of Biomaterials: Direct Writing and Manufacturing	Advanced Processing of Biomaterials: Biological Materials		
202N		International Symposium on Advanced High Strength Steels for the Ground Transportation Industry: Processing of Advanced High Strength Steels, Welding and Coating	International Symposium on Advanced High Strength Steels for the Ground Transportation Industry: Product Physical Metallurgy and Mechanical Behavior of Multiphase Steels	Steel Product Metallurgy and Applications: High Strength Steels	Steel Product Metallurgy and Applications: Mechanisms	Steel Product Metallurgy and Applications: Lower Strength Steels	Recent Developments in Steel Processing: Specialty Steels	Recent Developments in Steel Processing: Steelmaking/ Casting	Recent Developments in Steel Processing: Rolling and Thermal Treatment
203N		Ceramic Matrix Composites: Fiber-Reinforced Ceramic Matrix Composites	Ceramic Matrix Composites: Oxides and Composites - and - Armor Ceramics	Ceramic Matrix Composites: Borides, Nitrides and Carbides	Ceramic Matrix Composites: Cermets - and - Coatings	Radiation Effects in Materials: Radiation Effects in Ceramics Part I	Radiation Effects in Materials: Radiation Effects in Ceramics Part II	Radiation Effects in Materials: Radiation Response of Semiconductors	
204N		Materials for Responsive Space Access: Thermal Protection Systems for Atmospheric Entry Vehicles	Materials for Responsive Space Access: Rocket Applications	Advances in Refractories: Session I	Advances in Refractories: Session II		Heat Treatment of Steel: Heat Treating: Microstructural Issues/ Transformations	Heat Treatment of Steel: Heat Treatment: General	
205N		High Temperature Superconductor Wires and Tapes: YBCO and Flux Pinning I	High Temperature Superconductor Wires and Tapes: YBCO and Flux Pinning II	High Temperature Superconductor Wires and Tapes: Low Cost Buffers and YBCO	High Temperature Superconductor Wires and Tapes: AC Loss, Phase Diagram and Substrate Template Issues	High Temperature Superconductor Wires and Tapes: Superconductor Properties and Issues			

Sunday	Monday		Tuesday		Wednesday		Thursday		Room
PM	AM	PM	AM	PM	AM	PM	AM	PM	
	Innovative Processing and Synthesis of Ceramics, Glasses and Composites: Plenary - and - Electronic and Porous Ceramics	Innovative Processing and Synthesis of Ceramics, Glasses and Composites: Polymer-Derived/ Biomorphic Ceramics	Innovative Processing and Synthesis of Ceramics, Glasses and Composites: Rapid Prototyping	Innovative Processing and Synthesis of Ceramics, Glasses and Composites: Films/Coatings	Innovative Processing and Synthesis of Ceramics, Glasses and Composites: Reaction Forming	Innovative Processing and Synthesis of Ceramics, Glasses and Composites: Ceramic Processing	Innovative Processing and Synthesis of Ceramics, Glasses and Composites: Sintering/ Densification I	Innovative Processing and Synthesis of Ceramics, Glasses and Composites: Sintering/ Densification II	206N
	Joining of Advanced and Specialty Materials Including Affordable Joining of Titanium and Joining Technologies for MMCs: Keynote Session - and - Friction Stir Welding I: In Honor of the Contributions to Friction Stir Welding by Arthur C. Nunes, Jr.	Joining of Advanced and Specialty Materials Including Affordable Joining of Titanium and Joining Technologies for MMCs: Affordable Joining of Titanium Alloys	Joining of Advanced and Specialty Materials Including Affordable Joining of Titanium and Joining Technologies for MMCs: Fusion Welding	Joining of Advanced and Specialty Materials Including Affordable Joining of Titanium and Joining Technologies for MMCs: Brazing/TLP	Joining of Advanced and Specialty Materials Including Affordable Joining of Titanium and Joining Technologies for MMCs: Friction Stir Welding II	Joining of Advanced and Specialty Materials Including Affordable Joining of Titanium and Joining Technologies for MMCs: Solid State Phenomenon and Brazing			207N
	Tribological Contacts: Fundamental Issues and Practical Solutions: Subsurface Phenomena	Tribological Contacts: Fundamental Issues and Practical Solutions: Friction Welding and Laser Processing	Tribological Contacts: Fundamental Issues and Practical Solutions: Tribology at Micro- and Nano-Scales I	Tribological Contacts: Fundamental Issues and Practical Solutions: Tribology at Micro- and Nano-Scales II	Tribological Contacts: Fundamental Issues and Practical Solutions: Coatings and Lubricants	Tribological Contacts: Fundamental Issues and Practical Solutions: Multiphase and Multicompo-nent Materials			208N
	The Impact of Design on Corrosion Performance: Corrosion Behavior of Aluminum, Iron, Nickel and Other Alloys	High Temperature Degradation of Fe-, Ni-, and Co-Based Alloys Including Metal Dusting: Oxidation, Carburization and Coatings	High Temperature Degradation of Fe-, Ni-, and Co-Based Alloys Including Metal Dusting: Alloying Elements and Corrosive Environments	Innovations in Metal Forming: Superplasticity and Hot Blow Forming	Innovations in Metal Forming: Hydroforming, Electromag-netic Forming, and Warm Forming	Innovations in Metal Forming: Springback and Formability	Innovations in Metal Forming: Tooling, Tribology, and Bulk Forming		210N

Room	Sunday	Monday		Tuesday		Wednesday		Thursday	
	PM	AM	PM	AM	PM	AM	PM	AM	PM
211N		Failure Analysis: Optimizing Design and Preventing Failures through Failure Analysis: Aircraft Engine Component Degradation/ Failure Phenomena	Failure Analysis: Optimizing Design and Preventing Failures through Failure Analysis: Failure Analysis: Tools and Techniques	Failure Analysis: Optimizing Design and Preventing Failures through Failure Analysis: Manufacturing Technology	Failure Analysis: Optimizing Design and Preventing Failures through Failure Analysis: Power and Energy Generation	Failure Analysis: Optimizing Design and Preventing Failures through Failure Analysis: Understanding Damage and Failure of Polymer and Polymer Composite Materials	Failure Analysis: Optimizing Design and Preventing Failures through Failure Analysis: Understanding Fatigue and Fracture	Failure Analysis: Optimizing Design and Preventing Failures through Failure Analysis: Joint Session with Joining of Advanced and Specialty Materials Including Affordable Joining of Titanium and Joining Technologies for MMCs: Joints and Bonded Layers	Failure Analysis: Optimizing Design and Preventing Failures through Failure Analysis: Case Histories in Failure Analysis
212N		Materials Processing Challenges for the Aerospace Industry: Processing of Ti Alloys	Materials Processing Challenges for the Aerospace Industry: Processing of Superalloys	Materials Processing Challenges for the Aerospace Industry: PM Processsing - Metals	Materials Processing Challenges for the Aerospace Industry: SPD Processing	Materials Processing Challenges for the Aerospace Industry: Composites	Materials Processing Challenges for the Aerospace Industry: Coatings		
213N			MS&T 06 Lectures: ASM Alpha Sigma Mu Lecture	MS&T 06 Lectures: ACerS Richard M. Fulrath Symposium					MS&T 06 Lectures: ACerS Arthur L. Friedberg Memorial Lecture
230S		Machining and Grinding of Engineered Materials: Session I	MS&T 06 Lectures: ASM/TMS Distinguished Lecture The Materials Competition: Building on the 2006 ASM/TMS Distinguished Lecture	The Materials Competition	Green Engineering for Materials Processing: Green Manufacturing and Treatment Processes	Green Engineering for Materials Processing: Recycling and Waste Management			
231S		Deformation Mechanisms in Complex Materials: Defect Mechamisms and Modeling	Deformation Mechanisms in Complex Materials: Polycrystalline Materials	The Role of Computational Methods in Materials Research and Development: Ab Initio and Atomistic Calculations	MS&T 06 Lectures: ASM Edward DeMille Campbell Memorial Lectureship The Role of Computational Methods in Materials R&D: The Role of Computational Methods in Materials Science	The Role of Computational Methods in Materials Research and Development: Applications of Materials Modeling and Simulation I	The Role of Computational Methods in Materials Research and Development: Applications of Materials Modeling and Simulation II	The Role of Computational Methods in Materials Research and Development: Computational Materials Design and Processing	The Role of Computational Methods in Materials Research and Development: Modeling Microstructural Characterization and Evolution

Sunday	Monday		Tuesday		Wednesday		Thursday		Room
PM	AM	PM	AM	PM	AM	PM	AM	PM	
	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Plenary	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Electrodes and Electrolyte in PEM Fuel Cells: Materials, Performance, and Degradation	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Interconnection and Metallic Materials in SOFCs I	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Electrodes in SOFCs: Materials, Performance, and Degradation I	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Interconnection and Metallic Materials in SOFCs II	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Electrodes in SOFCs: Materials, Performance, and Degradation II	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Interconnection and Metallic Materials in SOFCs III	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Electrodes in SOFCs: Materials, Performance, and Degradation III	232S
	Materials and Devices for Energy Harvesting, Generation and Storage Systems: Materials and Devices for Energy Harvesting	Materials and Devices for Energy Harvesting, Generation and Storage Systems: Energy Generation and Storage Systems	Materials and Devices for Energy Harvesting, Generation and Storage Systems: Materials and Processes for Energy Generation	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Materials and Electrochemistry of Batteries and Super-Capacitor	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Sealing and Electrical Contacts in Fuel Cells	Fuel Cells and Energy Storage Systems: Materials, Processing, Manufacturing and Power Management Technologies: Fuel Cell Systems: Design, Materials, Fabrication, Fuel Processing			233S
	Biological Inorganic Hybrid Materials: Session I	Processing for Reliability: Session I	Chemistry and Interfaces in Multifunctional Materials and Metal-Oxide Films: Structure-Property Relationship in Ferroic Films	Chemistry and Interfaces in Multifunctional Materials and Metal-Oxide Films: Strain Induced Enhancement of Functionalities in Multilayered Films	Chemistry and Interfaces in Multifunctional Materials and Metal-Oxide Films: Synthesis and Process of Metal-Oxide Films: Joint Session with Structure-Property Relationships of Transition-Metal Oxide Interfaces	Chemistry and Interfaces in Multifunctional Materials and Metal-Oxide Films: Multiferroic and Nanocomposite Films: Joint Session with Structure-Property Relationships of Transition-Metal Oxide Interface			234S
		Structure-Property Relationships of Transition-Metal Oxide Interfaces: Atomic Scale Characteristics of Interfaces	Structure-Property Relationships of Transition-Metal Oxide Interfaces: Structure-Property Relationships of Interfaces I	Structure-Property Relationships of Transition-Metal Oxide Interfaces: Structure-Property Relationships of Interfaces II	Glass and Optical Materials: Processing Related Issues I	Glass and Optical Materials: Processing Related Issues II	Glass and Optical Materials: Characterization	Glass and Optical Materials: Materials and Modelling	235S

Room	Sunday	Monday		Tuesday		Wednesday		Thursday	
	PM	AM	PM	AM	PM	AM	PM	AM	PM
236S		Education and Professional Development: Education: Trends and Methods	Education and Professional Development: Technology in Material Education	Education and Professional Development: Professional Development and Industry Collaboration	Lead-Free Soldering: It is Here to Stay - Applications, Alloy Development, and Impact: Thermodynamics and Interfacial Properties of Lead-Free Solders	Lead-Free Soldering: It is Here to Stay - Applications, Alloy Development, and Impact: Mechanical Properties of Lead-Free Solders and Solder Joints I	Lead-Free Soldering: It is Here to Stay - Applications, Alloy Development, and Impact: Mechanical Properties of Lead-Free Solders and Solder Joints II		
237S		Phase Stability, Diffusion, and Their Applications: Phase Stability I: First-Principles Calculations and Experimental Investigations	Phase Stability, Diffusion, and Their Applications: Phase Stability II: Modeling and Experimental Investigations	Phase Stability, Diffusion, and Their Applications: Diffusion I: First-Principles Calculations and Modeling	Phase Stability, Diffusion, and Their Applications: Diffusion II: Experimental Investigations	Phase Stability, Diffusion, and Their Applications: Application I: Phase Stability and Materials Design	Phase Stability, Diffusion, and Their Applications: Application II: Diffusion and Phase Transformations		
238S		Progress and Challenges in Understanding Materials Interfaces: Grain Boundary Structure and Properties I	Progress and Challenges in Understanding Materials Interfaces: Grain Boundary Structure and Properties II	Progress and Challenges in Understanding Materials Interfaces: Intergranular Films and Interfacial Chemistry	Progress and Challenges in Understanding Materials Interfaces: Thin Films and Planar Interfaces	Progress and Challenges in Understanding Materials Interfaces: Mechanical Aspects of Interfaces	Progress and Challenges in Understanding Materials Interfaces: Crystallization and Solidification	Solid-State Nucleation and Critical Nuclei during First Order Diffusional Phase Transformations: Factors Influencing Critical Nucleus Shape and Computer Simulation	Solid-State Nucleation and Critical Nuclei during First Order Diffusional Phase Transformations: Observation of Early Stages of Phase Decomposition
250W		General Topics in Electroceramics: Materials and Process Innovations in Electroceramics	General Topics in Electroceramics: Dielectric Materials	General Topics in Electroceramics: Piezoelectric, Piezoresistive and Varistor Materials	Scanning Probe Microscopy for Materials Science: SPM Developments and Applications				
251W		International Symposium on Defects, Transport and Related Phenomena: Defects and Transport in Nano-Sized Materials	International Symposium on Defects, Transport and Related Phenomena: Defects in the Bulk of Oxides I	International Symposium on Defects, Transport and Related Phenomena: Defects in the Bulk of Oxides II - and - Structure and Transport in Non-Crystalline, Ionic Materials	International Symposium on Defects, Transport and Related Phenomena: Defects and Transport in the Bulk of Oxides I	International Symposium on Defects, Transport and Related Phenomena: Defects and Transport in the Bulk of Oxides II	International Symposium on Defects, Transport and Related Phenomena: Defects and Transport in the Bulk of Oxides III - and - Defects and Transport in Grain Boundaries and at Interfaces I	International Symposium on Defects, Transport and Related Phenomena: Defects and Transport in Grain Boundaries and at Interfaces II	International Symposium on Defects, Transport and Related Phenomena: Defects and Transport in Metals

Sunday	Monday		Tuesday		Wednesday		Thursday		Room
PM	AM	PM	AM	PM	AM	PM	AM	PM	
	Processing and Performance of Beryllium: Processing of Beryllium	Processing and Performance of Beryllium: Performance of Beryllium	Starting Materials for Advanced Ceramics (for Electronics and Structural Applications): Processing and Properties of Starting Materials, Including Nano-Powders and Preceramic Polymers	Starting Materials for Advanced Ceramics (for Electronics and Structural Applications): Sputtering Targets and Thin Films Processing	Starting Materials for Advanced Ceramics (for Electronics and Structural Applications): From Advanced Powders to Advanced Ceramic	Use of Ceramics, Glass and Other Materials in the Disposition of Nuclear and Hazardous Wastes: Waste Form Performance	Use of Ceramics, Glass and Other Materials in the Disposition of Nuclear and Hazardous Wastes: Nuclear Waste Processing	Use of Ceramics, Glass and Other Materials in the Disposition of Nuclear and Hazardous Wastes: Actinide Stabilization and Low Temperature Waste Forms	252W
	Fifteenth International Symposium on Processing and Fabrication of Advanced Materials (PFAM XV): Non-Metallic Materials	Fifteenth International Symposium on Processing and Fabrication of Advanced Materials (PFAM XV): Advanced Metallic Alloys	Fifteenth International Symposium on Processing and Fabrication of Advanced Materials (PFAM XV): Materials for Hydrogen Storage and Energy Conversion	Fifteenth International Symposium on Processing and Fabrication of Advanced Materials (PFAM XV): Nanocrystalline and Amorphous Materials	Fifteenth International Symposium on Processing and Fabrication of Advanced Materials (PFAM XV): Nanometals and Metal Matrix Composites	Fifteenth International Symposium on Processing and Fabrication of Advanced Materials (PFAM XV): Metal and Polymer Matrix Composites	Fifteenth International Symposium on Processing and Fabrication of Advanced Materials (PFAM XV): Metals and Composites		260W
	Microstructural and Texture Requirements for Functional Materials: Session I	Microstructural and Texture Requirements for Functional Materials: Session II	Microstructural and Texture Requirements for Functional Materials: Session III	Microstructural and Texture Requirements for Functional Materials: Session IV	Surface Protection for Enhanced Materials Performances: Thermal Barrier Coatings	Surface Protection for Enhanced Materials Performances: Mechanical Behavior and Residual Stresses	Surface Protection for Enhanced Materials Performances: Surface Modifications and Protection for Enhanced Performance I	Surface Protection for Enhanced Materials Performances: Surface Modifications and Protection for Enhanced Performance II	261W
	Ferroelectric and Ferroic Materials: Ferroelectric Thin Films	Ferroelectric and Ferroic Materials: Fundamental Issues in Ferroelectrics	Ferroelectric and Ferroic Materials: Multiferroics	Ferroelectric and Ferroic Materials: Nanosize Ferroelectrics and Lead-Free Piezoelectrics	Ferroelectric and Ferroic Materials: Characterization of Ferroelectrics	Ferroelectric and Ferroic Materials: Microwave Dielectrics and Piezoelectrics			262W
	International Symposium on Advanced Dielectric Materials and Electronic Devices: Design and Preparation of Materials I	International Symposium on Advanced Dielectric Materials and Electronic Devices: Design and Preparation of Materials II	International Symposium on Advanced Dielectric Materials and Electronic Devices: Material Preparation and Properties I	International Symposium on Advanced Dielectric Materials and Electronic Devices: Processing-Microstructure-Property Relationships	International Symposium on Advanced Dielectric Materials and Electronic Devices: Materials Application and Electronic Devices	International Symposium on Advanced Dielectric Materials and Electronic Devices: Materials Prepartion and Properties II			263W

Room	Sunday	Monday		Tuesday		Wednesday		Thursday	
	PM	AM	PM	AM	PM	AM	PM	AM	PM
264W		Thermoelectric Materials and Applications: Nanoengineered Thermoelectrics	Thermoelectric Materials and Applications: Bulk Materials	Thermoelectric Materials and Applications: Novel Oxides and Thermionics	Thermoelectric Materials and Applications: Novel Oxides II	Ion Beam Modification & Synthesis in Solids: Plasma Processing for Biology, Medicine & Tribology	Ion Beam Modification and Synthesis in Solids: Ion Beam Modification of Materials	Ion Beam Modification and Synthesis in Solids: Ion Beam Techniques for Semiconductor Applications	Ion Beam Modification and Synthesis in Solids: Ion Channeling, Simulations and Modeling
Exhibit Floor Area A				Industry Track 2006: Industry Track I		Industry Track 2006: Industry Track III			
Exhibit Floor Area B					Industry Track 2006: Industry Track II	Industry Track 2006: Industry Track IV			
Grand Ballroom B	Poster Session/ Welcoming Reception					MS&T 06 Lectures: Materials Research Support at the National Science Foundation			
Junior Ballroom A		Frontiers of Materials Science and Engineering 2006: Microstructures and Properties - Linking from Nano to Macro: Microstructural Effects	Frontiers of Materials Science and Engineering 2006: Microstructures and Properties - Linking from Nano to Macro: Mechanisms and Models	Frontiers of Materials Science and Engineering 2006: Microstructures and Properties - Linking from Nano to Macro: Microstructure vs. Properties	MS&T 06 Lectures: ACerS Edward Orton Jr. Memorial Lecture Chemically Active Ceramic Nano-Particles & Nano-Structures: Nano-Matls & Nano-Structures	Chemically Active Ceramic Nano-Particles and Nano-Structures: Semiconductive and Electrochemical Gas Sensors	Chemically Active Ceramic Nano-Particles and Nano-Structures: Chemical and Biosensors, Membrane and Catalysis		
Junior Ballroom B		Nanomechanical Characterization and Size Dependent Mechanical Properties: Session I	Nanomechanical Characterization and Size Dependent Mechanical Properties: Session II	Nanomechanical Characterization and Size Dependent Mechanical Properties: Session III	Nanomechanical Characterization and Size Dependent Mechanical Properties: Session IV	Nanocomposites -Their Science, Technology and Applications: NanoComposite Applications	Nanocomposites -Their Science, Technology and Applications: Carbon Nanotube Composites	Nanocomposites -Their Science, Technology and Applications: Polymeric Based Nanocomposites	Nanocomposites -Their Science, Technology and Applications: Metallic Based Nanocomposites
Junior Ballroom C	MS&T 06 Lectures: Frontiers of Science and Society - ACerS Rustum Roy Lecture	Nanomaterials: Science and Technology: Industrial Development and Application of Nanomaterials	Nanomaterials: Science and Technology: Nanotubes, Nanorods, Nanowires and Other One-Dimensional Structures	Nanomaterials: Science and Technology: Synthesis and Processing of Nanostructures and Nanocomposites, Part I	Nanomaterials: Science and Technology: Synthesis and Processing of Nanostructures and Nanocomposites, Part II	Nanomaterials: Science and Technology: Self-Assembly, Arrayed and Nanoporous Materials	MS&T 06 Lectures: ACerS Robert B. Sosman Award and Lecture Nanomaterials: Science & Technology: Functional Behaviour & Characterization of Nanomaterials	Nanomaterials: Science and Technology: Simulations of Nanomaterials and Their Properties	
Junior Ballroom D		Nanostructured Materials: Synthesis, Characterization and Applications: Synthesis of Nanoparticles and Nanostructured Films I	Nanostructured Materials: Synthesis, Characterization and Applications: Synthesis of Nanoparticles and Nanostructured Films II	Nanostructured Materials: Synthesis, Characterization and Applications: Applications I	Nanostructured Materials: Synthesis, Characterization and Applications: Applications II	Nanostructured Materials: Synthesis, Characterization and Applications: Sosman Program I	Nanostructured Materials: Synthesis, Characterization and Applications: Sosman Program II (T-Y. Tien Memorial Session)	Nanostructured Materials: Synthesis, Characterization and Applications: 1D, 2D, and 3D Nanostructures	Nanostructured Materials: Synthesis, Characterization and Applications: I: Electrochemical Synthesis, II: Characterization of Nanostructures