			2015 JOM Technical Emph	asis Calendar		
January	Theme: Applying Materials Science and Engineering					Manuscripts Due: September 15, 2014
Topic	Scalable Nanomanufacturing	High-Temperature Coatings for Environmental Protection		Multi-Scale Modeling: Concurrent and Hierarchical Methods	Alloys and Compounds for Thermoelectric and Solar Cell Applications: Part II	
Guest Editor Committee	Terry Xu and Jung-Kun Lee Nanomaterials	Vilupanur A. Ravi Corrosion & Environmental Effects	Bala Radhakrishnan Computational Materials Science and Engineering	Nitin Chopra	Sinn-wen Chen Alloy Phases	
February	Theme: Upstream Materials: Extraction, Processing, and		Computational Materials Science and Engineering	ICME	Alloy Phases	Manuscripts Due: October 15, 2014
r cordary	Theme. Open can materials. Extraction, 1 rocessing, and	a Gridiacici ization	TMS 2015 Annual Meeting at-me	etina issue		Manuscripts Duc. October 13, 2014
Topic	Aluminum: Bauxite-Alumina-Carbon-Reduction	Characterization of Advanced Mineral Materials	Critical Metals Hydrometallurgy	Modeling, Simulation, and Development of Metallurgical		
				Processes: Part II		
Guest Editor	Alton Tabereaux	Bowen Li	Harald Oosterhof	Dean Gregurek and Zhiwei Peng		
Committee	Aluminum	Materials Characterization	Hydrometallurgy & Electrometallurgy	Pyrometallurgy		
March	Theme: Additive Manufacturing	Description Addition Manufacturing				Manuscripts Due: November 15, 2014
Topic	Metal Powder for Additive Manufacturing (3D Printing)	Progress in Additive Manufacturing				
Guest Editor	Ma Qian	Ed Herderick				
Committee April	Powder Materials Theme: Biomaterials and Thin Films	Process Technology & Modeling				Manuscripts Due: December 15, 2014
Topic	Nanomechanical Behaviors of Biomaterials	Surfaces and Biointerfaces: Part I	Electronic, Biological, and Functional Thin Films: Part I			Manuscripts Due: December 15, 2014
Guest Editor		Candan Tamerler				
Committee	Kantesh Balani, Xiaodong Li, and Jian Wang Nanomechanical Materials Behavior	Biomaterials	Roger Narayan Thin Films & Interfaces			
May	Theme: Metallurgy and Processing	Biofilaterials	Thirt iiiis & interaces			Manuscripts Due: January 15, 2015
Topic	Aluminum: Shaping and Forming	Friction Stir Welding and Processing	Metallurgy: Energy and Environmental Issues	Corrosion Fatigue	Modeling of Microstructure Evolution during Additive	
I			33		Manufacturing	
Guest Editor	Alton Tabereaux	Yuri Hovanski	Dean Gregurek, Zhiwei Peng, and Phil Mackey	Raman Singh	John Carpenter	
Committee	Aluminum	Shaping & Forming	Pyrometallurgy	Invited	Invited	
June	Theme: Metals and Alloys	Dermanent Magnete heyend Nd Dy Fe D				Manuscripts Due: February 15, 2015
Topic Guest Editor	Beta-Titanium Alloys William Joost	Permanent Magnets beyond Nd-Dy-Fe-B Satoshi Hirosawa				
Committee	Titanium	Magnetic Materials				
July	Theme: Interfaces and Surface Engineering	magnetic materials				Manuscripts Due: March 15, 2015
Topic	Control of Interfacial Phenomena during Processing: Modeling and Technology Developments	Effects of Interfaces on Mechanical Properties of Composites	Surface Engineering for Extreme Conditions	Electronic, Biological, and Functional Thin Films: Part II	Archaeomaterials	·
Guest Editor	Antoine Allanore	Tongxiang Fan, Yao Shen, Jian Wang, Xiaodong Li	Sandip Harimkar and Srinivasa R. Bakshi	Roger Narayan	Vilupanur A. Ravi	
Committee	Process Technology & Modeling	Nanomechanical Materials Behavior	Surface Engineering	Thin Films & Interfaces	Invited	
August	Theme: Advanced Modeling and Characterization		MOSTAT			Manuscripts Due: April 15, 2015
			MS&T15 preview issue			
Topic	l ·	rt Advances in Modeling of Solidification Microstructures	New Horizons in Mechanical Spectroscopy	CALPHAD-Based ICME Research for Materials Genomic Design		
Guest Editor	Amit Pandey	Mohsen Asle Zaeem	Michael Demkowicz	Wei Xiong		
Committee September	Advanced Characterization, Testing, and Simulation Theme: Energy and Environment	Solidification	Chemistry & Physics of Materials	Invited		Manuscripts Due: May 15, 2015
September	Theme. Lifergy and Environment		MS&T15 at-meeting issu	110		Manuscripts Due. May 13, 2013
Topic	Sustainability in Metallurgy	Lead and Zinc Metallurgy		MEMA 2015		
	, 3,	33	Applications			
Guest Editor Committee	Dean Gregurek and Zhiwei Peng Pyrometallurgy	Dean Gregurek and Zhiwei Peng Pyrometallurgy	Xiaochuan Lu Energy Conversion & Storage	Raymundo Arroyave Invited		
October	Theme: Physical Metallurgy	Fyrometalidigy	Energy Conversion & Storage	invited		Manuscripts Due: June 15, 2015
Topic	Phase Transformations and Microstructural Evolution: Part I	Progress in High-Entropy Alloys	Progress with Lead-Free Solders	Age-Hardenable Microalloying in Magnesium		Manasonp.s Bao. 34110 10, 2010
Guest Editor	Amy Clarke	Michael Gao	Babak Arfaei	James Saal		
Committee	Phase Transformations	Alloy Phases	Electronic Packaging & Interconnection Materials	Magnesium		
November	Theme: Materials for Energy and Extreme Environments					Manuscripts Due: July 15, 2015
Topic	Optimizing Energy in Industrial Furnaces	High-Temperature Corrosion of Ni-Base Alloys	Advances in Refractory Metals	Surfaces and Biointerfaces: Part II	Recycling of Materials	
Guest Editor	Geoff Brooks	Kinga Unocic	Todd Leonhardt	Candan Tamerler	Gabrielle Gaustao	
Committee December	Energy Theme: Materials: Past, Present, and Future	Corrosion & Environmental Effects	Refractory Metals & Materials Manuscripts Due: August 1, 2015	Biomaterials	Recycling and Environmental Technologies	Manuscripts Due: August 15, 2015
December	Hichie. Waterials. Fast, Flesent, and Future		TMS 2016 Annual Meeting prev	iew issue		ivianuscripts Due. August 15, 2015
		Futuristic Nanomaterials and Composites	Nanomechanical Measurements in Harsh Environments	Aluminum: Cast Shop and Alloys	Archaeomaterials	
Topic	Stability of Nanomaterials	ruturistic Nationiateriais and Composites	ivarioniccianica weasurements in riarsh Environments	I aminimum successor and randyo		ı
Topic Guest Editor	Stability of Nanomaterials Marian Kennedy: guest eds. Brad Boyce and Suveen Mathaudhu	Muralidharan Paramsothy, Dirk Lehmhus, and James Njuguna	Peter Hosemann and Xiaodong Li	John Griffin	Vilupanur A. Ravi	