

Spring Technical Meeting of the Eastern States Section of the Combustion Institute 2016

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13-16 March 2016

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2016 SPRING TECHNICAL MEETING
EASTERN STATES SECTIONS OF THE COMBUSTION INSTITUTE
Princeton University, New Jersey
March 13-16, 2016
Sunday, March 13, 2016

15:00 – 18:00 Friend Center, Olden Street Lobby: Registration
16:00 – 17:30 Engineering Quadrangle J223: ESSCI Board Meeting
18:00 – 20:00 Friend Center 113 (Convocation Room): Welcome Reception

Monday, March 14, 2016

7:30 Computer Science Lobby: Registration
8:00 Friend Center 101:
Welcome Remarks/Announcements:
Arnaud C. Trouvé, University of Maryland
Michael E. Mueller, Princeton University
Pablo G. Debenedetti, Dean for Research, Princeton University

8:30 Friend Center 101:
Invited Speaker: James F. Driscoll, University of Michigan
Title: *Regimes of Turbulent Premixed Combustion – Measured with New Laser Diagnostics* 1
Session Chair: Daniel C. Haworth, The Pennsylvania State University

	Reaction Kinetics Computer Science 104 Session Chair: N. Cernansky	Fire Computer Science 105 Session Chair: X. Zhao	Sprays and Droplets Friend 006 Session Chair: R. Vander Wal
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10:15 – 10:45	BREAK – Computer Science, Lobby		
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	Soot II Computer Science 104 Session Chair: P. Zhao	Turbulent Flames II Computer Science 105 Session Chair: M. Gollner	Coal/Biomass/New Devices II Friend 006 Session Chair: T. Farouk
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Explore Downtown Princeton with Friends and Colleagues			

Tuesday, March 15, 2016

8:00 Computer Science, Lobby: Registration

8:15 Friend Center 101:
Announcements: Michael E. Mueller, Princeton University

8:30 Friend Center 101:
Invited Speaker: Gregory T. Linteris, National Institute of Standards and Technology
Title: *Sustainable Refrigerants and Fire Suppressants: Is this a Combustion Problem?* 12
Session Chair: Arnaud Trouvé, University of Maryland

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10:15 – 10:45	BREAK – Computer Science, Lobby		

	Reaction Kinetics IV Computer Science 104 Session Chair: J. Manion	Laminar Flames II Computer Science 105 Session Chair: C. McEnally	IC and GT Engines II Friend 006 Session Chair: P. Pepiot
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11:45 – 13:00	Lunch on your own		
13:00 – 14:00	Friend Center 101 Irvin Glassman Young Investigator Award and Lecture Invited Speaker: Jacqueline O'Connor, The Pennsylvania State University Title: <i>Use of Advanced Fuel Injection Strategies for Emissions Reduction in Diesel Engines</i> 5 Session Chair: Paul Papas, United Technologies Research Center		

	Reaction Kinetics V Computer 104 Session Chair: R. Sivaramakrishnan	Turbulent Flames III Computer 105 Session Chair: R. Barlow	Heterogeneous Combustion Friend 006 Session Chair: A. Saha
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15:00 – 15:30	BREAK – Computer Science, Lobby		

	Reaction Kinetics VI Computer Science 104 Session Chair: R. Sivaramakrishnan	Turbulent Flames IV Computer Science 105 Session Chair: R. Barlow	Heterogeneous Combustion II Friend 006 Session Chair: A. Saha
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18:00 – 19:00	Cocktail Hour Prospect House		
19:00 – 22:00	ESSCI Banquet Prospect House		

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