

Western States Section of the Combustion Institute Spring Meeting 2018

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25-27 March 2018

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**2018 SPRING TECHNICAL MEETING
WESTERN STATES SECTION OF THE COMBUSTION INSTITUTE
Hosted by Oregon State University - Cascades, Bend, OR**

Sunday, 25 March 2018

2:00 – 5:00 pm Cantera Workshop and Forum in Dinning Hall 205: Prof. Steven C. DeCaluwe, *Colorado School of Mines*

Monday, 26 March 2018

7:30 – 4:00 Registration: Tykeson Hall

7:30 – 8:00 Continental Breakfast: Dining Hall

8:00 - 8:15 Welcome Address in Tykeson 111: Dr. Rebecca L. Johnson, *Vice President, Oregon State University - Cascades*

Welcome Remarks: Prof. Fletcher J. Miller, *WSSCI Chair, San Diego State University*

Prof. Christopher Hagen, *Oregon State University*

8:15 – 9:15 Plenary Lecture in Tykeson 111: **Ronald K. Hanson, Stanford University**

Session Chair: David Blunck, *Oregon State University*

9:15 – 9:25	BREAK		
	Laminar Flames/Microcombustion Tykeson 111 Session Chair: N. Labbe	Coal Dining 205 Session Chair: T. Holland	Engines/Energy Tykeson 109 Session Chair: D. Olsen
9:25 – 9:45	1A01: Experimental and computational investigation of autoignition of high molecular weight alkanes in nonpremixed flows 1 <i>M. Innerkofler, M. Hunyadi-Gall, F. Pizzetti, M. Turello, A. Cuoci, A. Frassoldati, E. Pucher, K. Seshadri</i>	1B01: The effect of oxygen penetration on apparent pulverized coal char combustion kinetics 166 <i>C.R. Shaddix, E.S. Hecht, C. Gonzalo-Tirado</i>	1C01: Characterization of knock propensity via observations of end-gas autoignition from laser-ignited, premixed flames in a rapid compression machine 339 <i>A. Zdanowicz, J. Mohr, S. Bhoite, M. Baumgardner, J. Tryner, C. Dumitrache, A. Yalin, A.J. Marchese</i>
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	Laminar Flames/Microcombustion Tykeson 111 Session Chair: N. Labbe	Coal Dining 205 Session Chair: T. Holland	Engines/Energy Tykeson 109 Session Chair: D. Olsen
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	Turbulent Flames Tykeson 111 Session Chair: D. Lignell	Biomass/Fire Dining 205 Session Chair: E. Belmont
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Tuesday, 27 March 2018

 7:30 – 12:00 **Registration:** Tykeson Hall

 7:30 – 8:00 **Continental Breakfast:** Dining Hall

 8:00 – 8:05 **Opening Remarks and Announcement in Tykeson 111:** Prof. Christopher Hagen, *Oregon State University*

 8:05 – 9:05 **Plenary Lecture in Tykeson 111:** Erica L. Belmont, *University of Wyoming*
Session Chair: Christopher Hagen, *Oregon State University*

9:05 – 9:15	BREAK	
	Kinetics I Tykeson 111 Session Chair:	Diagnostics Dining 205 Session Chair: B. Windom
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