



2018 AICHE® ANNUAL MEETING: INDUSTRY SESSIONS

The 2018 AICHE Annual Meeting is your once-a-year opportunity to gain the latest information, network, uncover new ways to innovate, and grow professionally. Join the below sessions and deepen your knowledge in many areas of chemical engineering in industry.

Property Key

DLCC = David L. Lawrence Convention Center

Omni = Omni William Penn Hotel

Westin = Westin Convention Center

SUNDAY • OCTOBER 28

TIME	BOOK #	TITLE	PROPERTY	ROOM
2:30 PM	7	Entrepreneurship & Investing in Early-Stage Chemical Companies	Westin	Cambria
3:00 PM	8	Public Affairs and AICHE: A PAIC Town Hall	DLCC	307
3:30 PM	9	3D Printing I	DLCC	333
3:30 PM	20	Bioplastics, Biocomposites and Value-Added Uses of Biofuel Coproducts for Sustainable Manufacturing	DLCC	325
3:30 PM	34	Innovations in Pharmaceutical Discovery, Development, and Manufacturing	Westin	Washington
4:15 PM	22	Chemical Engineering in Sustainability (YCOSST) and Policy (WISE) Award Recipient Talks (Invited Talks)	DLCC	307

MONDAY • OCTOBER 29

8:00 AM	56	3D Printing II	DLCC	333
8:00 AM	81	Forum Plenary: Pharmaceutical Discovery, Development, and Manufacturing Forum (Invited Talks)	Westin	Allegheny Grand Ballroom II
8:00 AM	92	Integrating Municipal and Industrial Waste into Biorefineries	DLCC	316
8:00 AM	109	Young Professional Research Projects in Industry (Invited Talks)	DLCC	303
8:00 AM	753	Unconscious Bias	DLCC	304
11:00 AM	120	The Future of Energy in the Region, Nation and World (Invited Talks)	DLCC	Spirit of Pittsburgh B
11:15 AM	121	2018 Danckwerts Lecture	Westin	Allegheny Grand Ballroom II
12:30 PM	123	3D Printing Keynote (Invited Talks)	DLCC	333
12:30 PM	124	Advanced Problem Solving in the Chemical Industry I	DLCC	407
12:30 PM	127	Advances in Protein Expression, Post-Translational Modification and Biomanufacturing	Westin	Westmoreland East
12:30 PM	133	Area 8E Plenary: Electronic and Photonic Materials: Industry and Academia (Invited Talks)	DLCC	330
12:30 PM	156	Industrial Applications of Computational Chemistry and Molecular Simulation	DLCC	308

**Information as of September 27, 2018 and subject to change*



An up-to-date program is available at
aiche.org/annual or on the AICHEvents app.



MONDAY • OCTOBER 29 (continued)

TIME	BOOK #	TITLE	PROPERTY	ROOM
12:30 PM	160	In Honor of the 2017 Wilhelm Award Winner I (Invited Talks)	DLCC	406
3:30 PM	202	3D Printing of Composites	DLCC	333
3:30 PM	203	Advanced Problem Solving in the Chemical Industry II	DLCC	407
3:30 PM	218	Emerging Trends in Smart Manufacturing (sponsored by CESMII)	DLCC	408
3:30 PM	228	In Honor of the 2017 Wilhelm Award Winner II (Invited Talks)	DLCC	406
3:30 PM	236	PI Topical Conference Plenary: A Look Inside the RAPID Manufacturing Institute	DLCC	335
5:30 PM	760	MAC Eminent Engineers Awards Ceremony	DLCC	325
5:50 PM	756	RAPID Manufacturing Institute Open House	DLCC	335
6:00 PM	249	D.I.C. Wang Award Lecture	Westin	Allegheny Grand Ballroom I
6:30 PM	250	Pharmaceutical Discovery, Development, and Manufacturing Forum Awards Ceremony	Westin	Allegheny Grand Ballroom II

TUESDAY • OCTOBER 30

8:00 AM	251	Advanced Problem Solving in the Chemical Industry III	DLCC	407
8:00 AM	258	Advances in Process Intensification	DLCC	335
8:00 AM	281	Emerging Technologies in Pharmaceutical Research and Manufacturing	Westin	Washington
8:00 AM	287	Industrial Internet of Things (IIoT) Applications and Industry 4.0 Forum	DLCC	333
8:00 AM	289	In Honor of Professor D. Ramkrishna's Contributions to Biopharmaceutical Industry (Invited Talks)	Westin	Somerset
8:00 AM	299	Photochemical Reaction Engineering in Fine Chemical and Pharmaceutical Industries	DLCC	404
8:00 AM	309	WIC 20th Anniversary: Celebrating Women in Chemical Engineering I (Invited Talks)	DLCC	Spirit of Pittsburgh A
11:00 AM	311	What the Heck Happened? Past, Present & Future Disruptions to the Chemical/Fuels Business (Invited Talks)	DLCC	Spirit of Pittsburgh B
11:15 AM	312	Andreas Acrivos Award for Professional Progress in Chemical Engineering Lecture	DLCC	Spirit of Pittsburgh A
12:30 PM	313	Advanced Problem Solving in the Chemical Industry IV	DLCC	407
12:30 PM	328	Continuous Processing Technologies Applied in Drug Substance Manufacturing I	Westin	Somerset
12:30 PM	336	Enabling and Advanced Formulations in Drug Product Processing I: Focus on Dissolution	Westin	Washington
12:30 PM	343	Industrial Applications in Design and Operations	DLCC	409
12:30 PM	347	Lignin for Sustainable Industrial Uses	DLCC	325
12:30 PM	348	Rising to the Challenge: Successful Leadership in Uncertain Times	DLCC	331
12:30 PM	356	Polymers in Additive Manufacturing	DLCC	333
12:30 PM	357	Polymers in Industry - Rising Stars (Invited Talks)	DLCC	327
12:30 PM	360	Process Intensification By Enhanced Heat and Mass Transfer	DLCC	335
12:30 PM	371	WIC 20th Anniversary: Celebrating Women in Chemical Engineering II (Invited Talks)	DLCC	Spirit of Pittsburgh A
3:30 PM	384	AICHE's 110 Year Celebration (Invited Talks)	DLCC	303
3:30 PM	391	Continuous Processing Technologies Applied in Drug Substance Manufacturing II	Westin	Somerset
3:30 PM	400	Electrochemical Engineering: Industry-Relevant Problems and Solutions	DLCC	306

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TUESDAY • OCTOBER 30 (continued)				
TIME	BOOK #	TITLE	PROPERTY	ROOM
3:30 PM	402	Enabling and Advanced Formulations in Drug Product Processing II: Focus on Stability	Westin	Washington
3:30 PM	406	Industrial Application of Computational and Numerical Approaches to Particle Flow	DLCC	415
3:30 PM	410	LGBTQ+ Inclusion in Engineering	DLCC	Spirit of Pittsburgh B
3:30 PM	422	Process Intensification By Process Integration	DLCC	335
3:30 PM	432	WIC 20th Anniversary: Celebrating Women in Chemical Engineering III (Invited Talks)	DLCC	Spirit of Pittsburgh A
6:00 PM	433	SBE's James E. Bailey Award Lecture	Westin	Allegheny Grand Ballroom I
WEDNESDAY • OCTOBER 31				
8:00 AM	435	Additive Manufacturing of Energetics	DLCC	413
8:00 AM	440	Advances in Industrial Modeling & Optimization: Methodologies, Tools and Applications	DLCC	335
11:15 AM	487	John M. Prausnitz AICHE Institute Lecture	DLCC	Spirit of Pittsburgh A
12:30 PM	507	Developing Process Control Strategies for Drug Product Manufacture	Westin	Fayette
12:30 PM	533	Process Intensification through the Application of Microreactors, Multiphase Reactors, and Membrane Reactors	DLCC	335
3:30 PM	553	Biomanufacturing	Westin	Pennsylvania East
3:30 PM	558	Developing Process Control Strategies for Drug Substance Manufacture	Westin	Fayette
3:30 PM	583	Process Intensification through Process Systems Engineering	DLCC	409
3:30 PM	588	The Industrial Fluid Properties Simulation Challenge	DLCC	308
8:00 AM	629	Modeling, Control, and Optimization of Manufacturing Systems	DLCC	408
THURSDAY • NOVEMBER 1				
12:30 PM	652	Biomaterials in Industry and the Clinic	DLCC	328
2:00 PM	761	Workshop on Identifying the Gaps and Opportunities in Graduate Education to Improve Sustainability of the US Chemical Industries	DLCC	318
3:30 PM	697	Control Strategy Development for Continuous Drug Substance and Drug Product Manufacture	Westin	Somerset
3:30 PM	698	CO ₂ Industrial, Engineering and R&D Approaches	DLCC	320
3:30 PM	703	Fluid Particle Separation in Industrial and Environmental Systems	DLCC	301

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