

NOVEMBER 10-15 • HYATT REGENCY, ORLANDO

2019 AIChE® ANNUAL MEETING: **INDUSTRY SESSIONS**

The 2019 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.

SUNDAY • NOVEMBER 10			
START TIME	BOOK #	TITLE	ROOM
03:00 PM	7	Public Affairs and AIChE: A PAIC Town Hall	Orlando Ballroom M
03:30 PM	8	3D Printing Applications in Catalysts, Reactions, and Energy Industry	Bayhill 28
03:30 PM	11	Advanced Modelling and Data Systems Applications in Next-Gen Manufacturing	Bayhill 27
03:30 PM	21	Chemical Angels Network (CAN) Session: Entrepreneurship & Investing in Early-Stage Chemical Companies	Orlando Ballroom N
03:30 PM	26	Industrial Applications in Design and Operations	Bayhill 24
03:30 PM	33	Panel Discussion: Chemical Process and Product Design Careers in Industry & Academia (Invited Talks)	Bayhill 17
03:30 PM	34	Polymers in Industry - Rising Stars (Invited Talks)	Celebration 10
03:30 PM	43	Value-Added Co-Products from Lignin for Biorefineries	Regency Ballroom V
04:15 PM	3	Chemical Engineering in Sustainability (YCOSST) and Policy (WISE) Award Recipient Talks (Invited Talks)	Orlando Ballroom M
MONDAY • NOVEMBER 11			
08:00 AM	52	Big Data and Data Analytics (Invited Talks)	Bayhill 27
08:00 AM	71	Electrochemistry for Applications in Sustainability	Plaza International Ballroom I
08:00 AM	74	Forum Plenary: Opportunities and challenges with Journey from Industry 4.0 to Pharma 4.0	Celebration 6
08:00 AM	82	Integrating Municipal, Food, and Industrial Waste into Biorefineries	Regency Ballroom U
08:00 AM	91	Overcoming Hurdles for Women in Innovation and Entrepreneurship	Orlando Ballroom N
08:00 AM	92	Process Intensification and Modular Manufacturing: Modeling and Simulation	Bayhill 28
08:00 AM	106	Unconscious Bias Workshop	Bayhill 26
10:00 AM	774	Train the Trainer - Unconscious Bias	Bayhill 26
11:15 AM	108	Presidential Lecture	Plaza International Ballroom H
12:30 PM	122	Chemical Engineers in Medicine Plenary I (Invited Talks)	Celebration 12/13
12:30 PM	126	Continuous Processing in Drug Substance	Celebration 6

**Information as of September 4, 2019 and subject to change*



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

FOLLOW US:      #AICHEAnnual

MONDAY • NOVEMBER 11			
START TIME	BOOK #	TITLE	ROOM
12:30 PM	130	Digital Twin (Invited Talks)	Bayhill 28
12:30 PM	141	Exploring Ethical Dilemmas in the Workplace: Workshop	Bayhill 18
12:30 PM	145	Industrial Internet of Things (IIoT) in Process Manufacturing and Beyond	Bayhill 27
12:30 PM	147	In Honor of the 2018 R.H. Wilhelm Award Winner I (Invited Talks)	Florida Ballroom B
12:30 PM	165	Sustainable Energy Drivers: Perspectives by Minority Professionals from Diverse Energy Sectors	Regency Ballroom O
03:30 PM	187	Poster Session: Next-Gen Manufacturing	Regency Ballroom R/S
03:30 PM	214	In Honor of the 2018 R.H. Wilhelm Award Winner II (Invited Talks)	Florida Ballroom B
03:30 PM	219	Panel Discussion: Advice and Mentorship from Female Leaders in Innovation and Entrepreneurship (Invited Talks)	Orlando Ballroom N
04:45 PM	234	Bounce Back from a Career Challenge: Turning Your Career Missteps into Career Gold	Orlando Ballroom L
05:30 PM	235	MAC Eminent Engineers Awards Ceremony	Regency Ballroom O
06:00 PM	236	D.I.C. Wang Award Lecture	Regency Ballroom V
06:30 PM	237	Pharmaceutical Discovery, Development, and Manufacturing Forum Awards Ceremony	Regency Ballroom U
TUESDAY • NOVEMBER 12			
START TIME	BOOK #	TITLE	ROOM
08:00 AM	248	Area Plenary: Area 8A Emerging Areas in Polymer Science and Engineering I (Invited Talks)	Celebration 5
08:00 AM	259	Data Science & Analytics for Operations Support and Predictions in Pharmaceutical Processes & Products	Celebration 6
08:00 AM	260	Development of Pharmaceutical Process Control Strategies for Drug Product Manufacture	Celebration 8
08:00 AM	268	IACChE's James Y. Oldshue Lecture (Invited Talks)	Plaza International Ballroom H
08:00 AM	269	Industry 4.0 and Digital Transformation (Invited Talks)	Bayhill 27
08:00 AM	275	In Recognition of the 50th Anniversary of ExxonMobil Corporate Strategic Research: CRE (Invited Talks)	Rainbow Spring I/II
08:00 AM	290	Process Intensification and Modular Manufacturing: Modular/Advanced Manufacturing	Bayhill 28
08:00 AM	328	Entrepreneurship and Investing in Early Stage Companies	Orlando Ballroom N
11:00 AM	304	Meet the Innovators: Transforming the Future through Chemical Engineering	Plaza International Ballroom G
11:15 AM	305	Andreas Acrivos Award for Professional Progress in Chemical Engineering Lecture	Plaza International Ballroom H
12:30 PM	310	AIChE Management Award Recipient Presentation Session: Focusing on Technology and Innovation Management	Florida Ballroom C
12:30 PM	313	Area Plenary: Area 8A Emerging Areas in Polymer Science and Engineering II (Invited Talks)	Celebration 5
12:30 PM	254	Challenges in Entrepreneurship: Ensuring Success for your Start-up	Orlando Ballroom N

**Information as of September 4, 2019 and subject to change*



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

FOLLOW US:      #AIChEAnnual

TUESDAY • NOVEMBER 12			
START TIME	BOOK #	TITLE	ROOM
12:30 PM	338	Industrial Applications of Computational Chemistry and Molecular Simulation (Invited Talks)	Rock Spring I/II
12:30 PM	341	In Recognition of the 50th Anniversary of ExxonMobil Corporate Strategic Research: SEP (Invited Talks)	Rainbow Spring I/II
12:30 PM	354	Pharma 4.0 (Invited Talks)	Bayhill 27
12:30 PM	357	Process Intensification and Modular Manufacturing: Fundamentals and Applications	Bayhill 28
02:00 PM	368	The Current State of STEM Inclusion in the Workplace	Bayhill 23
03:30 PM	379	Poster Session: In Recognition of the 50th Anniversary of ExxonMobil Corporate Strategic Research	Regency Ballroom R/S
03:30 PM	384	3D Printing of Composites	Bayhill 28
03:30 PM	389	Artificial Intelligence and Advanced Computation	Bayhill 27
03:30 PM	410	Innovations and Emerging Technologies: Drug Substance and Drug Product Development	Celebration 8
03:30 PM	411	Innovations in Methods of Data Science	Peacock Spring
03:30 PM	412	LGBTQ+ Inclusion in Engineering	Bayhill 23
03:30 PM	413	Lignin for Sustainable Industrial Uses	Discovery 47
03:30 PM	421	Predictive Scale-up/Scale-down for Production of Pharmaceuticals and Biopharmaceuticals I	Celebration 7
03:30 PM	423	Process-wide and Operational Topics	Celebration 6
03:30 PM	401	Entrepreneurship in Chemical Engineering: Transitioning from the Lab to the Boardroom	Orlando Ballroom N
06:00 PM	434	SBE's James E. Bailey Award Lecture	Regency Ballroom V
WEDNESDAY • NOVEMBER 13			
START TIME	BOOK #	TITLE	ROOM
08:00 AM	437	3D Printing of Functional Materials	Bayhill 28
08:00 AM	441	Advances in Process Intensification	Bayhill 17
08:00 AM	451	Continuous Processing Technologies Applied in Drug Product Manufacturing	Celebration 7
08:00 AM	452	Cybersecurity	Bayhill 27
08:00 AM	459	Environmentally Friendly Product and Process Development for Sustainability	Bayhill 18
08:00 AM	478	Panel on Pre-competitive Collaboration (Invited Talks)	Celebration 6
08:00 AM	483	Scale-up, Revamp, and Industrial Applications of Adsorption	Regency Ballroom U
08:00 AM	487	Sustainable Engineering Forum Plenary (Invited Talks)	Regency Ballroom T
11:15 AM	495	John M. Prausnitz AIChE Institute Lecture	Plaza International Ballroom H
12:30 PM	496	3D Printing in Pharmaceutical and Health Industry	Bayhill 28
12:30 PM	504	Big Data and Applications in Advanced Modeling and Manufacturing	Bayhill 27
12:30 PM	505	Biomaterials in Industry and the Clinic	Celebration 16
12:30 PM	511	Chemical Safety and Sustainability	Regency Ballroom T
12:30 PM	514	CO ₂ Capture By Adsorption	Manatee Spring II

**Information as of September 4, 2019 and subject to change*



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

FOLLOW US:      #AICHEAnnual

WEDNESDAY • NOVEMBER 13			
START TIME	BOOK #	TITLE	ROOM
12:30 PM	516	Data Science Education in Chemical Engineering Panel Discussion	Manatee Spring I
12:30 PM	524	Fluid Particle Separation in Energy and Environmental Systems	Coral Spring I/II
12:30 PM	542	Photochemical Reaction Engineering in Fine Chemical and Pharmaceutical Industries	Plaza International Ballroom E
03:30 PM	567	3D Printing Fundamental and Applications	Bayhill 28
03:30 PM	568	Additive Manufacturing of Energetics	Bayhill 21
03:30 PM	577	Development of Pharmaceutical Process Control Strategies for Drug Substance Manufacture	Celebration 8
03:30 PM	584	Forum Plenary: Computational Molecular Science and Engineering Forum (Invited Talks)	Rock Spring I/II
03:30 PM	591	Modeling, Control, and Optimization of Energy Systems	Bayhill 25
03:30 PM	603	Polymers in Additive Manufacturing	Bayhill 27
03:30 PM	606	Process Intensification through Process Systems Engineering	Bayhill 24
06:00 PM	615	William R. Schowalter Lecture	Plaza International Ballroom H
THURSDAY • NOVEMBER 14			
START TIME	BOOK #	TITLE	ROOM
8:00 AM	634	CO ₂ Industrial, Engineering and R&D Approaches	Blue Spring I/II
8:00 AM	635	Design and Operations Under Uncertainty	Bayhill 25
8:00 AM	640	Enabling and Advancing Formulations in Drug Product	Celebration 6
8:00 AM	656	Process Intensification By Process Integration	Bayhill 17
12:30 PM	669	Advanced Biomass Conversion Technologies	Discovery 47
12:30 PM	683	Development of Pharmaceutical Process Control Strategies for Production of Biologics	Celebration 6
12:30 PM	684	Developments in Alternative Fuels and Enabling Technologies I	Challenger 38/39
12:30 PM	687	Energy Sustainability: Challenges and Solutions	Regency Ballroom U
12:30 PM	691	Going to a Decision Point in Sustainability Analysis	Blue Spring I/II
12:30 PM	693	Innovations and Emerging Technologies: Automated Platforms and Novel Methodologies	Celebration 7
12:30 PM	707	Process Intensification through the Application of Microreactors, Multiphase Reactors, and Membrane Reactors	Bayhill 17
03:30 PM	729	Making Molecular Simulation a Mainstream Chemical Engineering Tool	Rock Spring I/II
FRIDAY • NOVEMBER 15			
START TIME	BOOK #	TITLE	ROOM
08:00 AM	761	The Industrial Fluid Properties Simulation Challenge	Celebration 2

**Information as of September 4, 2019 and subject to change*



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

FOLLOW US:      #AICHEAnnual