

AIChE Annual Meeting, Orlando, FL, 2019

Hasan Group Presentations (only those which we are leading)

Sunday, Nov 10			
5:15 PM - 5:36 PM	Hasan	Hyatt Regency Orlando - Bayhill 26	41g Towards a Unified Strategy and Prototype Software Platform for the Synthesis of Operable & Sustainable Process Intensification Systems
Monday, Nov 11			
8:21 AM - 8:42 AM	Sadaf	Hyatt Regency Orlando - Bayhill 17	80c Systematic Design and Intensification of Shale Gas Utilization Processes
9:40 AM - 10:05 AM	Jianping	Bayhill 28	92e Process Innovation and Intensification Using Building Blocks
2:05 PM - 2:24 PM	Emre	Bayhill 24	118f Building Block-Based Design and Intensification of Chemical Processes
3:30 PM - 3:55 PM	Spyros	Regency Ballroom V	200a Incorporation of Network Topology for Resilient Design and Optimal Operation in the Framework of Water-Energy Nexus
Tuesday, Nov 12			
2:10 PM - 2:35 PM	Spyros	Regency Ballroom V	361e Systematic Design and Optimization of Water-Energy Nexus for Sustainable Regional Planning
3:30 PM - 5:00 PM	Jianping	Regency Ballroom R/S	373q Optimization of Symmetric Problems in Continuous Domain
3:30 PM - 5:00 PM	Ishan	Regency Ballroom R/S	Global Optimization of a Class of Black-Box Problems
Wednesday, Nov 13			
8:05 AM - 8:30 AM	Emre	Bayhill 17	441f Synthesis of Optimal Hybrid Separation Processes
1:08 PM - 1:27 PM	Akhil	Bayhill 24	500c Process Design Frameworks for Cost-Effective Small-Scale Processes
2:05 PM - 2:24 PM	Stratos	Bayhill 24	A Consolidated/Unified Framework for Computer-Aided Process Synthesis-Intensification
3:30 PM - 3:55 PM	Manali	Challenger 41/42	576a Optimal Selection and Design of Energy Storage Technologies Integrated with Advanced Energy Plants
3:30 PM - 5:00 PM	Ashwini	Regency Ballroom R/S	Systematic Process Intensification of Refinery Processes Using Building Blocks
4:08 PM - 4:27 PM	Emre	Bayhill 24	Sustainable Process Intensification Using Building Blocks
Thursday, Nov 14			
8:00 AM - 8:25 AM	Akhil	Bayhill 18	645a Toll Manufacturing: A Sharing-Economy Model for on-Demand Chemical Production Services
8:19 AM - 8:38 AM	Ahmed	Bayhill 26	657b Incorporating Process Safety in Heat Exchanger Network Synthesis

8:25 AM - 8:50 AM	Jianping	Bayhill 17	656b Building Block-Based Work and Heat Exchanger Network Synthesis (WHENS)
9:35 AM - 9:54 AM	Manali	Bayhill 25	635f A Multistage Stochastic Optimization Approach to Power Plant Scheduling with Flexible Carbon Capture
12:55 PM - 1:20 PM	Akhilesh	Regency Ballroom V	706b Opportunity Cost-Based Systematic Process Intensification Under Multiple Objectives
4:27 PM - 4:46 PM	Manali	Bayhill 24	Optimal Design and Operation of Power Plants with Reduced Emissions Via Intermittent Renewable Energy Integration
Friday, Nov 15			
9:35 AM - 9:54 AM	Nikhita	Celebration 3	752f Intensification of Biorefinery Operations Using Building Blocks
9:54 AM - 10:13 AM	Akhil	Celebration 1	Data-Driven Process Synthesis, Design and Intensification