CHAATS

Chemistry High-Throughput, Automation & AI Technologies

Symposium Location: Johnson & Johnson, 1400 McKean Rd, Spring House, PA 19477

https://chaats.org/

When	What	Who	Where
Day 1: Tuesday, October 20th			
8:00 – 8:50 am	Registration & Breakfast	Sponsored by Labman	Lobby A, Building 32 & Cafeteria
8:50 – 9:00 am	Introductory Remarks	Iulia Strambeanu, Anthony Metrano, & Wei Liu	Brenner Auditorium
9:00 – 9:45 am	Automated High-Throughput Chemistry to Enable Synthesis Modeling/AI in Drug Discovery	Bo Hao (J&J)	Brenner Auditorium
9:45 – 10:30 am	From Science to Strategy to Scale: Building High-Throughput Platforms That Endure	Ying Wang (AbbVie)	Brenner Auditorium
10:30 – 11:00 am	Sponsor Session: ChemLex & Labman	Tom Lein (ChemLex) Nikki Gerrard (Labman)	Brenner Auditorium
11:00 – 11:30 am	Break	Sponsored by Waters	Auditorium/Lobby
11:30 am – 1:00 pm	Round Table Sessions	(1) David Del Valle (BMS) (2) Sergei Tcyrulnikov (Pfizer)	Kimball (32-11517) & Shoemaker (31-1035)
1:00 – 2:00 pm	Lunch (& Set Up Posters)	Sponsored by Revvity ACD/Labs	Cafeteria
2:00 – 2:20 pm	Beyond Heterocycle Functionalization: High-Throughput Heterocyclic Assembly for Expanding High-Fsp^3 Chemical Space	Brandon Taoka (Merck)	Brenner Auditorium
2:20 – 2:40 pm	Faster Route to a Scalable Amidation via Structured HTE Data and Bayesian Optimization	Kristine Golden (BMS)	Brenner Auditorium
2:40 – 3:00 pm	Modular Robotic Automation Architectures for Multi-modality Workflows	Todd DeCollo (Alexion)	Brenner Auditorium
3:00 – 3:15 pm	Break	Sponsored by Waters	Auditorium/Lobby

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3:15 – 3:45 pm	Sponsor Session: Revvity ACD/Labs & Waters	Alexander Waked (ACD Labs) Zirong Zhang (AZ for Waters)	Brenner Auditorium
3:45 – 4:05 pm	Optimization and Scaleup of an Ozonolysis Reaction Using High-Throughput Experimentation	Vanna Blasczak (Biogen)	Brenner Auditorium
4:05 – 4:25 pm	Direct to Biology (D2B) – Pre-Validation of Biological Assays	Angel Morales (GSK)	Brenner Auditorium
4:25 – 4:30 pm	Group Photo	All	Outside Auditorium
4:30 – 5:30 pm	Free Time & Travel to Dinner		
5:30 – 8:30 pm	Dinner Offsite	Sponsored by Trajan & ChemLex	Blue Bell Country Club (1800 Tournament Dr, Blue Bell, PA 19422)

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Day 2: Wednesday, October 21st			
8:30 – 9:00 am	Breakfast	Sponsored by Unchained Labs	Cafeteria
9:00 – 9:45 am	Establishment of Reliable High Throughput Chemistry Protocols for Data Mining and Modeling	Damian Hruszkewycz (GSK)	Brenner Auditorium
9:45 – 10:30 am	Microscale High-Throughput Chemistry	Anthony Cauley (BMS)	Brenner Auditorium
10:30 – 11:00 am	Sponsor Session: Unchained Labs & Mettler Toledo	Ruja Shrestha (Unchained) Michael J. Ferraco (Mettler)	Brenner Auditorium
11:00 – 11:15 am	Break	Sponsored by Waters	Auditorium/Lobby
11:15 am – 12:00 pm	Adventures in HTE: A Micro/Nano Odyssey	James Apgar (Merck)	Brenner Auditorium
12:00 – 1:00 pm	Round Table Sessions	(1) Simon Berritt (Pfizer) (2) Mike West (J&J)	Kimball (32-11517) & Shoemaker (31-1035)
1:00 – 2:00 pm	Lunch	Sponsored by Chemspeed	Cafeteria
2:00 – 2:20 pm	The Case for Analytical Automation: Challenges, Opportunities, and the Value of Greater Efficiency	Yamin Htet (AstraZeneca)	Brenner Auditorium
2:20 – 2:40 pm	Closed Loop Discovery Platform	Jonathan Grob (Ginkgo Bioworks)	Brenner Auditorium
2:40 – 3:10 pm	Sponsor Session: Agilent & Chemspeed	Thomas Walker (Agilent) Graham Lee (Chemspeed)	Brenner Auditorium
3:10 – 3:30 pm	Beyond Automation: Building the Data and Orchestration Foundation for Closed-Loop HTE	Adrian Ramirez Galilea (Takeda)	Brenner Auditorium
3:30 – 5:30 pm	Reception: Networking & Poster Session	Sponsored by: Agilent & Mettler Toledo	Cafeteria