

Conference Agenda of the 8th International Conference on Hypervalent Iodine Chemistry (2025)

Wednesday, June, 25 th , 2025				
14:00-20:00	Registration			
Thursday, June, 26 th , 2025				
8:30-9:10	Opening Remarks			
Session I	Chair: Miriam O'Duill			
9:10-9:35	Viktor V. Zhdankin	University of Minnesota Duluth	Hypervalent Iodine Compounds: Reagents of the Future	IL1
9:35-9:55	Kazuaki Ishihara	Nagoya University	The Low-temperature Selective Oxidation of Alcohols and a One-Pot Oxidative Esterification Using an IBS(III/V)/Oxone Catalysis	OC1
9:55-10:35	Coffee Break and Photo Taking			
Session II	Chair: Chi Zhang			
10:35-11:00	Chao Chen	Tsinghua University	Highly-Branched Fluoroalkylation Enabled by Hypervalent Iodine Reagents	IL2
11:00-11:25	Tatsuo Kaiho	Godo Shigen Co. Ltd.	Industrial Applications of Polyiodide	IL3
11:25-11:45	Alexandr Shafir	Institute of Advanced Chemistry of Catalonia	Polar π -stacking as Regiochemistry Control Factor in Iodane-guided C–H Coupling	OC2
12:00-14:00	Buffet Lunch (Nankai University Yiyuan Restaurant)			
Session III	Chair: Graham Murphy			
14:00-14:25	Thomas Wirth	Cardiff University	Electrochemical Access to Iodine(III): Novel Strategies for Synthesis	IL4
14:25-14:50	Jérôme Waser (online)	Ecole Polytechnique Fédérale de Lausanne	Benziodoxolone Reagents for the Generation or Trapping of Radicals	IL5
14:50-15:15	Stéphane Quideau	Université de Bordeaux	Chiral λ^5 -Iodanes in Total Synthesis of Natural Products	IL6
15:15-15:40	Berit Olofsson (online)	Stockholm University	Mechanochemistry as an Enabling Technology in Organic Synthesis	IL7
15:40-16:20	Coffee Break & Poster Presentation			
Session IV	Chair: Alastair Lennox			
16:20-16:45	Bill Morandi	Eidgenössische Technische	New Concepts for Nitrogen Atom Insertion	IL8

		Hochschule Zürich		
16:45-17:05	Qing-Hai Deng	Shanghai Normal University	Green Synthesis of Hypervalent Iodine Nitrooxylating Reagent and its Application in Nitrooxylation Reaction	OC3
17:05-17:30	Miriam O'Duill	University of Nottingham	Hypervalent Iodine Reagents for (Fluoro)Alkylation	IL9
17:30	Conference Banquet (Tai Yue Xuan Banquet Hall, 2nd Floor, Teda International Club)			
Friday, June, 27 th , 2025				
Session V	Chair: Gong Chen			
8:30-8:55	Bo Peng	Zhejiang Normal University	Aromatic Sulfonium/Iodonium Claisen Rearrangement	IL10
8:55-9:15	Graham Murphy	University of Waterloo	Structural Modification of HVI Compounds for Novel Reagent Discovery	OC4
9:15-9:40	Jason Dutton	La Trobe University	Orthocarborane as a Scaffold for the Most Oxidizing I(III) Reagents	IL11
9:40-10:00	Xiao-Song Xue	Shanghai Institute of Organic Chemistry	Mechanism of Hypervalent Iodine(III) Induced Asymmetric Dearomatization: Halogen Bonding and Alcohol Effects	OC5
10:00-10:30	Coffee Break			
Session VI	Chair: Bill Morandi			
10:30-10:55	Alastair Lennox	University of Bristol	Hypervalent Iodine Mediated Alkene Fluorination	IL12
10:55-11:15	Mang Wang	Northeast Normal University	Synthesis of Acyclic CF ₃ -Hypervalent Iodane and Its Application in <i>N</i> -Trifluoromethylation	OC6
11:15-11:40	Sanzhong Luo	Tsinghua University	Deracemization of α -Amino Aldehyde by Synergistic Chiral Primary amine and Hypervalent Iodine Catalysis	IL13
11:40-12:00	Naohiko Yoshikai	Tohoku University	Merging Hypervalent Iodine Chemistry with Aryne Chemistry	OC7
12:00-14:00	Buffet Lunch (Nankai University Yiyuan Restaurant)			
Session VII	Chair: Yiyun Chen			
14:00-14:25	Muhammet Uyanik	Nagoya University	Enantioselective Organoiodine(III) Catalysis for Oxidative Dearomatization	IL14
14:25-14:50	Zhenhua Gu	University of Science and Technology of China	Enantioselective Ring-Opening Reaction of Cyclic Diaryliodoniums with Non-classic Nucleophiles	IL15
14:50-15:10	Tanja Gulder (online)	Leipzig University		OC8
15:10-15:40	Coffee Break			
Session VIII	Chair: Thomas Wirth			
15:40-16:00	Yunfei Du	Tianjin University	Development and Application of Benziodazole-based Hypervalent Iodine Reagents	OC9

16:00-16:20	Jianwei Han	East China University of Science and Technology	Ortho-Functionalized Diaryliodonium Salts and Their Reactivity	OC10
16:20-16:40	Yanchuan Zhao	Shanghai Institute of Organic Chemistry	Hypervalent Iodine Reagents for C-H Functionalization and Chemosensing	OC11
16:40-16:45	Christine Marty	Ecole Polytechnique Fédérale de Lausanne	Ligand-Directed Bioconjugation of Native Protein with Hypervalent Iodine-Based Ethynylbenziodoxolones (Ebxs) Reagents	FT1
16:45-16:50	Ze-Nan Hu	Nankai University	Direct C-H Bond Iodination via Two-Coordinate Hypervalent Iodine Reagents: (Aryliodonio)sulfamates as a Versatile Platform	FT2
16:50-16:55	Leonard Kersting	Stockholm University	Sustainable and Scalable One-Pot Synthesis of Diaryliodonium Salts	FT3
16:55-17:00	Yuchen Wu	Waseda University	Synthesis of a New Family of Triple Polyazahelicenes Using Hypervalent Iodine-Mediated Oxidative Cyclization	FT4
17:00-17:05	Najung Lee	Ecole Polytechnique Fédérale de Lausanne	Synthesis of Bicyclo[1.1.1]pentane Z-Substituted Enamides, Enol Ethers, and Vinyl Sulfides Using Iodine (III) Reagents	FT5
17:05-17:30	Yiyun Chen	Shanghai Institute of Organic Chemistry	Biocompatible Photochemistry: Hypervalent Iodine and Beyond	IL16
17:30-18:00	Closing Ceremony & Awards & Introduction to ICHIC-9			
Saturday, June, 28 th , 2025, Leave				