

Program at-a-glance

SUNDAY 20 AUGUST 2023

Room:

14:00 - 16:00 Registration

King
Willem
Alexander

16:00 - 18:30

WELCOME AND OPENING
with Plenary Speaker Molly Stevens

PRIZES:
IUPAC 2023 Distinguished Women in
Chemistry or Chemical Engineering

IUPAC-SOLVAY International Award
for Young Chemists 2020 - 2023

Chemistry Europe Award 2023

18:30 - 20:00

Welcome Reception

MONDAY 21 AUGUST 2023

Track:	Room:	08:00 18:00	09:00 - 10:00 PLENARY SPEAKER Marc Koper	BREAK	10:20 - 12:20 Ryoji Noyori ACES Award Symposium		BREAK		BREAK	17:00 - 18:00 PLENARY SPEAKER Jennifer Thomson	20:00 - 00:00 CHEMISTRY PUBQUIZ @ O'Caseys'
HEALTH	King Willem Alexander	Regi- stration		EXHIBITION	10:20 - 11:50 PARALLEL SESSION 1 Glycochemistry	LUNCH POSTERS EXHIBITION	EXHIBITION	13:20 - 14:50 PARALLEL SESSION 3 Peptide and Protein Chemistry	EXHIBITION	15:10 - 16:40 FOCUS SESSION 4 Addressing Antibiotic Resistance - the Silent Pandemic	
	Atlantic				PARALLEL SESSION 2 Biomaterials 1			PARALLEL SESSION 4 Computational Methods in Drug Discovery		FOCUS SESSION 12 Targeting Toxic Proteins for Detection and Destruction	
Yangtze 1 & 2	PARALLEL SESSION 18 Advances in Mechanistic Insight				PARALLEL SESSION 20 Heterogeneous Catalysis			FOCUS SESSION 14 Electrocatalysis and the Synthesis of High-value Chemicals			
SUSTAINABI- LITY	Amazon				PARALLEL SESSION 19 Chemistry Related to Sustainability 1			PARALLEL SESSION 21 Homogeneous Catalysis		FOCUS SESSION 62 A Sustainable Planet and Society	
	Everest 1 & 2				MEET & GREET: Molly Stevens			MEET & GREET: Marc Koper		MEET & GREET: Javier Garcia Martinez	
YOUNG PROGRAM	Asia				Science Communication & Outreach Workshop			Teaching scientists how to communicate about their science (towards the general public)		SUPERVISION & MENTORING	
	Africa				How to Work Sustainable in Chemistry			IUPAC-Young Scientists Safety Training Workshop		How And Why Should You Network	
	Antarctica				10:20 - 12:05 PARALLEL SESSION 35 Chemistry and AI			13:35 - 14:50 PARALLEL SESSION 37 Electrochemistry		15:10 - 16:40 FOCUS SESSION 3 Sensing at the Frontiers: Perspectives from Chemistry and Digitization	
MOLECULAR FRONTIERS	Alexia				PARALLEL SESSION 36 Life-Like Materials			PARALLEL SESSION 38 Supramolecular Functional Complexity 1		FOCUS SESSION 59 Mechanochemical Applications for Sustainable Synthesis	
	Ariane				PARALLEL SESSION 52 Colloidal and Supramolecular Materials			PARALLEL SESSION 54 Materials for Smart Sensing and Actuating 1		FOCUS SESSION 44 Dynamical Molecular Systems for Brain-Inspired Computing	
SMART & ENERGY MATERIALS	Mississippi				PARALLEL SESSION 53 Materials for Energy Storage 1			PARALLEL SESSION 55 Materials for Photovoltaics and Energy Harvesting 1		FOCUS SESSION 54 Materials and Interfaces for Next-Generation Batteries	
	Kiliman- jaro				HISTORICAL SESSION The Life of Ernst Cohen			FUTURE OF SCIENTIFIC PUBLISHING		FOCUS SESSION 47 Systems Thinking as a Linchpin in Chemistry Education	
ETHICS, EDUCATION & SOCIETY	Oceania	PARALLEL SESSION 69 Green Chemistry & Sustainability in Education	PARALLEL SESSION 70 Lab learning/Student Engagement	FOCUS SESSION 27 Crafting an Ethical Framework for Global Chemistry							
	Europe 1 & 2										

Click [here](#) for
tickets
PUBQUIZ




TUESDAY 22 AUGUST 2023

Track:	Room:	08:00 18:00	09:00 - 10:00	BREAK	12:15 - 13:15	BREAK	17:00 - 18:00	19:00 - 00:00
	King Willem Alexander	Registration	PLENARY SPEAKER Charlotte Williams	EXHIBITION	PANEL DISCUSSION on Climate Change and Social Justice	EXHIBITION	PLENARY SPEAKER Bartosz Grzybowski	CHEMISTRY PARTY @ Bleyenberg
HEALTH	Atlantic				LUNCH POSTERS			
	Yangtze 1 & 2				EXHIBITION			
SUSTAINABILITY	Amazon							
	Everest 1 & 2							
YOUNG PROGRAM	Asia							
	Africa							
	Antarctica							
MOLECULAR FRONTIERS	Alexia							
	Ariane							
SMART & ENERGY MATERIALS	Mississippi							
	Kilimanjaro							
ETHICS, EDUCATION & SOCIETY	Oceania							
	Europe 1 & 2							

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tickets PARTY

WEDNESDAY 23 AUGUST 2023

Track:	Room:						
	King Willem Alexander	08:00 - 14:00 Registration	09:00 - 10:00 KNCV GOLD MEDAL PLENARY SPEAKER Nicola Spaldin	BREAK EXHIBITION	10:20 - 11:50 PARALLEL SESSION 10 Structural Biology and Protein Design		13:20 - 18:00 FREE TIME OR TECHNICAL TOURS
HEALTH	Atlantic			EXHIBITION	10:00 - 13:00 WORLD CHEMISTRY LEADERSHIP MEETING		14:00 - 18:00 COUNCIL MEETING (Invitation only)
	Yangtze 1 & 2				PARALLEL SESSION 9 Nucleic Acids	LUNCH	FREE TIME OR TECHNICAL TOURS
SUSTAINABILITY	Amazon				PARALLEL SESSION 26 Biocatalysis	POSTERS (until 13:35) EXHIBITION	14:00-17:00 NWO PI MEETING (Invitation only)
	Everest 1 & 2			PARALLEL SESSION 27 Chemistry Related to Sustainability 2			FREE TIME OR TECHNICAL TOURS
YOUNG PROGRAM	Asia				MEET & GREET: Bartosz Grzybowski	EXHIBITION	click here for 
	Africa				GETTING THINGS DONE IN THE 21ST CENTURY		
	Antarctica						
MOLECULAR FRONTIERS	Alexia				PARALLEL SESSION 43 Chemical Systems in Motion		
	Ariane				PARALLEL SESSION 44 Electrochemistry and Photoredox Chemistry		
SMART & ENERGY MATERIALS	Mississippi				PARALLEL SESSION 60 Materials for Energy Storage 3		
	Kilimanjaro				PARALLEL SESSION 61 Molecular Electronics, Metamaterials and Luminescent Molecules		
ETHICS, EDUCATION & SOCIETY	Oceania				PARALLEL SESSION 73 Digital learning		
	Europe 1 & 2				PARALLEL SESSION 74 Ethics of Emerging Technology: Communication, Replication of Science, and the Importance of Data		



THURSDAY 24 AUGUST 2023

Track:	Room:	08:00 18:00	09:00 - 10:00	BREAK	10:20 - 12:05	12:15 - 13:15	13:35 - 14:50	BREAK	15:10 - 16:40	BREAK	17:00 - 18:00	19:30 - 23:30
	King Willem Alexander	Registration	VAN 'T HOFF LECTURE Hiroaki Suga	EXHIBITION	PARALLEL SESSION 12 Revolutionary Imaging Techniques for Studying Life at the Molecular and Cellular Level	PANEL DISCUSSION The Artificial Chemist	PARALLEL SESSION 14 Synthetic Methods for Biologically Active Molecules	EXHIBITION	PARALLEL SESSION 15 Medicinal Chemistry	EXHIBITION	PLENARY SPEAKER Timothy Caulfield	GALA DINNER at the Grote Kerk
HEALTH	Atlantic			EXHIBITION	10:20 - 11:50 COUNCIL MEETING (Invitation only)	LUNCH POSTERS	13:20 - 14:50 COUNCIL MEETING (Invitation only)	EXHIBITION	COUNCIL MEETING (Invitation only)	EXHIBITION		click here for 
	Yangtze 1 & 2				PARALLEL SESSION 11 Antibiotics and Antivirals		PARALLEL SESSION 13 Photopharmacology, Photo-Dynamic Therapy, External Control		PARALLEL SESSION 15 Design of protein cages			
SUSTAINABILITY	Amazon			EXHIBITION	FOCUS SESSION 21 New Plastics Circular by Design	EXHIBITION	PARALLEL SESSION 29 Mechanosynthesis	EXHIBITION	PARALLEL SESSION 31 Carbon Capture and Utilization	EXHIBITION		
	Everest 1 & 2				PARALLEL SESSION 28 Electrochemical Conversion 2		PARALLEL SESSION 30 Environmental Science 2		PARALLEL SESSION 32 Depolymerization and Green Polymers			
YOUNG PROGRAM	Asia			EXHIBITION	MEET & GREET: Hiroaki Suga	EXHIBITION	MEET & GREET: Floris Rutjes	EXHIBITION	MEET & GREET: Chad A. Mirkin	EXHIBITION		
	Africa				SCIENTIFIC ILLUSTRATION WORKSHOP		BEING A YOUNG SCIENTIST IN THE NL: FUNDING - INFLUENCE - NETWORKING		CV WRITING FOR ACADEMIC CAREERS			
	Antarctica				CV WRITING FOR INDUSTRIAL CAREERS		DIGITAL SKILLS - DATA MANAGEMENT IN CHEMISTRY		TALK SCIENCE TO ME: Advancing the Art of Science Communication			
MOLECULAR FRONTIERS	Alexia			EXHIBITION	10:20 - 12:05 PARALLEL SESSION 45 Supramolecular Functional Complexity 3	EXHIBITION	13:35 - 14:50 PARALLEL SESSION 47 Molecular Frontiers of Life	EXHIBITION	PARALLEL SESSION 49 Molecular Frontiers of Materials and Reactions	EXHIBITION		
	Ariane				PARALLEL SESSION 46 Molecular Computing		PARALLEL SESSION 48 Nanomedicine 1		FOCUS SESSION 39 Quantum Chemical (+ AI) Elucidation of Organic Reactivity			
SMART & ENERGY MATERIALS	Mississippi			EXHIBITION	PARALLEL SESSION 62 Advanced Thin Film Technology of Energy and Smart Materials	EXHIBITION	PARALLEL SESSION 64 Conducting Polymers and Flexible Electronics	EXHIBITION	PARALLEL SESSION 66 Materials for LED and Display Applications	EXHIBITION		
	Kilimanjaro				PARALLEL SESSION 63 Materials for Clean Hydrogen		PARALLEL SESSION 65 Porous Materials for Separation and Storage		FOCUS SESSION 52 Complex Metal Oxides for Energy Applications			
ETHICS, EDUCATION & SOCIETY	Oceania			EXHIBITION		EXHIBITION	KNCV GOLD MEDAL: ELEMENT OF SURPRISE	EXHIBITION	PARALLEL SESSION 77 Ethics and Broader Contextualization of Chemistry Education	EXHIBITION		
	Europe 1 & 2				PARALLEL SESSION 75 Diversity and Inclusivity in Chemistry		PARALLEL SESSION 76 Environmental Ethics: Regulation; Pollution; Prevention and Remediation		FOCUS SESSION 28 Make the Good Choice! Ethics and Dual Use in Chemistry			

FRIDAY 25 AUGUST 2023

Track:	Room:				10:50 - 11:50	11:50 - 12:20
	King Willem Alexander	08:00 12:30		BREAK	PLENARY SPEAKER Chad Mirkin	Closing Ceremony
		Registration		EXHIBITION		
HEALTH	Atlantic	09:00 - 10:30	PARALLEL SESSION 16 Controlling, Imaging and Diagnosing Biological Systems			
	Yangtze 1 & 2		PARALLEL SESSION 17 Biomaterials 2			
SUSTAINABILITY	Amazon		PARALLEL SESSION 33 Sustainable Synthesis			
	Everest 1 & 2		PARALLEL SESSION 34 Biomass Conversion			
YOUNG PROGRAM	Asia		MEET & GREET: Timothy Caulfield			
	Africa		SCIENTIFIC WRITING & PUBLISHING WORKSHOP			
	Antarctica		ROADS TO SUCCESS II			
MOLECULAR FRONTIERS	Alexia		PARALLEL SESSION 50 Automation and Robotics			
	Ariane		PARALLEL SESSION 51 Nanomedicine 2			
SMART & ENERGY MATERIALS	Mississippi		PARALLEL SESSION 67 Materials for Environmental Catalysis			
	Kilimanjaro		PARALLEL SESSION 68 Materials for Photovoltaics and Energy Harvesting 3			
ETHICS, EDUCATION & SOCIETY	Oceania		PARALLEL SESSION 78 Safe and Sustainable by Design in Chemistry			
	Europe 1 & 2		PARALLEL SESSION 79 Patents and Fair Economic and Social Development: Panel discussion			

