

**Program of the 6th S3C Summer School on
Sustainable Chemistry for Sustainable Development
21.09.2020 – 25.09.2020, Leuphana University, Lüneburg**

MONDAY, 21 SEPTEMBER	PART1: CONCEPTS OF SUSTAINABLE CHEMISTRY
Live	
1:00pm – 1:15pm	Welcome by the Hosting Institutions Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany
1:15pm – 1:30pm	The International Sustainable Chemistry Collaborative Center (ISC3) Dr. Frank Fecher, Managing Director ISC3, Bonn, Germany
1:30pm – 1:45pm	Leuphana University of Lüneburg Prof. Dr. Sascha Spoun, Leuphana University, Lüneburg, Germany
1:45pm – 2:00pm	Coffee break
2:00pm – 3:30pm	The Concept of Sustainable Chemistry in a Nutshell Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany (lecture & discussion)
3:30pm – 4:30pm	Poster session I Facilitators: Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany Dr. Dorota Bartkowiak, ISC3 R&EH / Leuphana University, Lüneburg, Germany
	Poster I (3:30pm – 3:45pm) Poster II (3:45pm – 4:00pm) Poster III (4:00pm – 4:15pm) Poster IV (4:15pm – 4:30pm)
4:30pm	Online networking
TUESDAY, 22 SEPTEMBER	PART 1: CONCEPTS OF SUSTAINABLE CHEMISTRY
Live	
12:00pm – 1:00pm	International Chemicals Management: Basel, Rotterdam and Stockholm Conventions Carla valle Klann, Secretariat of the Basel, Rotterdam and Stockholm Conventions, United Nations Environment Programme, Geneva, Switzerland
1:00pm – 2:00pm	Poster session II Facilitators: Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany Dr. Dorota Bartkowiak, ISC3 R&EH / Leuphana University, Lüneburg, Germany
	Poster V (1:00pm – 1:15pm) Poster VI (1:15pm – 1:30pm) Poster VII (1:30pm – 1:45pm) Poster VIII (1:45pm – 2:00pm)
2:00pm – 3:00pm	Chemicals and Waste: Global Chemical Outlook Tapiwa Nxele, Chemicals and Health Branch Economy Division, United Nations Environment Programme, Geneva, Switzerland
3.00pm – 3.30pm	Coffee break

3.30pm – 4.30pm

Sources of Data and Software Tools Useful for Sustainable Chemistry
Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany

4:30pm

Online networking

WEDNESDAY, 23 SEPTEMBER PART 2: AT THE NEXUS OF SUSTAINABLE CHEMISTRY AND WATER

Recorded

Water related problems on the globe

Prof. Dr. Jens Lange, Albert-Ludwigs-University of Freiburg, Germany

Live

1:00pm – 2:00pm

"Forever chemicals" in the aquatic environment - A story on regrettable substitutes and demands for safer alternatives

Hanna Joerss, Helmholtz-Zentrum Geesthacht, Germany

2:00pm – 3:00pm

Q&A: Water related problems on the globe

Prof. Dr. Jens Lange, Albert-Ludwigs-University of Freiburg, Germany

3:00pm – 3:10pm

Coffee break

3:10pm – 3:55pm

Solving Water Scarcity for Agriculture-Food systems Using Green Technology: From Theory to Application

Dr. Ramia Albakain, The University of Jordan

3:55pm – 4:05pm

Coffee break

4:05pm – 5:05pm

Benign by Design

Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany

THURSDAY, 24 SEPTEMBER PART 2: AT THE NEXUS OF SUSTAINABLE CHEMISTRY AND WATER

Live

12:00pm – 5:00pm

Interactive workshops (participation upon registration only!)

12.00pm - 2.00pm: Workshop I

Ecotoxicological risk assessment in regulation - challenges and perspectives

Prof. Dr. Carolin Floeter, HAW Hamburg, Germany

Maximum 16 participants

1.00pm – 3:00pm Workshop II

Designing small molecules for aquatic mineralisation

Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany

Maximum 25 participants

1.00pm – 3:00pm Workshop III

Circular Water Economy: Input prevention and integrated emission management as prerequisite to ensure water reuse

Dr. Oliver Olsson, Leuphana University, Lüneburg, Germany

Maximum 25 participants

3.00pm – 5:00pm Workshop IV

Database search on properties and activities of chemicals: Discussion of their relevance for surface and ground water

Ann-Kathrin Amsel, Dr. Dorota Bartkowiak, Leuphana University, Lüneburg, Germany

Maximum 25 participants

FRIDAY, 25 SEPTEMBER

PART 2: AT THE NEXUS OF SUSTAINABLE CHEMISTRY AND WATER

Live

1:00pm – 2:00pm

Poster session III

Facilitators:

Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany

Dr. Dorota Bartkowiak, ISC3 R&EH / Leuphana University, Lüneburg, Germany

Poster IX (1:00pm – 1:15pm) Poster X (1:15pm – 1:30pm) Poster XI (1:30pm – 1:45pm) Poster XII (1:45pm – 2:00pm)

2:00pm – 3:30pm

Reporting from the Workshops, Lessons Learned and My Take Home Message

Participants, moderation Prof. Dr. Klaus Kümmerer

3:30pm – 04:00pm

Wrap up & concluding Remarks

Prof. Dr. Klaus Kümmerer and Team, ISC3 R&EH / Leuphana University Lüneburg, Germany