

**Program of the 9th S3C Summer School on
Sustainable Chemistry for Sustainable Development
10.07.2023 – 14.07.2023, Leuphana University, Lüneburg**

MONDAY, 10 JULY PART1: CONCEPTS OF SUSTAINABLE CHEMISTRY	
8:30am – 9:00am	Registration (Location: Lecture Hall 5 Leuphana University)
9:00am – 9:40am	Welcome by the Hosting Institutions
9:40am – 10:30am	Introductory round – expectations and experiences
10:30am – 11:00am	Coffee Break
11:00am – 12:30pm	Sustainable Chemistry in a Nutshell Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany
12:30pm – 2:00pm	Lunch Break
2:00pm – 3:00pm	SAICM – Pacemaker of International Chemicals Management Dr. Christopher Blum, German Environment Agency, Germany
3:00pm – 3:20pm	Education in sustainable chemistry study programmes Rebecca Holtmann, ISC3 R&EH / Leuphana University, Lüneburg, Germany TBC, Professional School Leuphana University, Germany
3:20pm – 3:45pm	Coffee Break
3:45pm – 4:45pm	UNEP Green and Sustainable Chemistry Manuals (TBC) TBC
4:45pm – 5:00pm	Feedback Round and Organizational Matters, Links and Lessons Learned
7:30pm	Welcome Dinner Klippo, Universitätsallee 1, Leuphana, Leuphana Central Building
TUESDAY, 11 JULY PART 1: CONCEPTS OF SUSTAINABLE CHEMISTRY	
9:00am – 9:15am	Introduction to 2nd day Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany
9:15am – 10:15am	REACH TBC
10:15am – 11:15am	Overview on EU Green Deal Dr. Thomas Jakl, Federal Ministry Republic of Austria Climate Action, Environment, Energy, mobility, Innovation and Technology, Austria
11:15am – 11:30am	Coffee Break

11:30am – 12:30pm **European chemical strategy for sustainability –safe and sustainable by design**
TBC

12:30pm – 1:30pm **Lunch Break**

1:30pm – 2:30pm **The Business Model of Chemical Leasing**
Dr. Reinhard Joas

3:00pm – 3:15pm **Coffee Break**
03:15pm – 03:30pm *Group picture (meeting point Lecture Hall 5)*

3:30pm – 4:30pm **Circular economy**
TBC

4.30pm – 5.20pm **Sources of Data and Software Tools Useful for Sustainable Chemistry**
Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany

5:20pm – 5:30pm **Organizational Matters**

WEDNESDAY, 12 JULY PART 2 CLIMATE CRISIS

9:00am – 10:15am **Fighting Climate Change - challenges for the chemical industry**
Dr. Detlef Schreiber, CAPCI

10:15am – 11:15am **The role of the chemical industry for tackling climate change from the perspective of the private sector**
TBC

11:15am – 11:30am **Coffee break**

11:30am – 12:30pm **Sector Coupling – The Transformation of the chemical industry and related industries to CO₂ neutrality**
Dr. Marcel Loewert, Marcel, Provadis-Hochschule, Germany

12:30pm – 1:30pm **Lunch Break**

01:30pm – 4:00pm	Workshop I Industrial Clusters: tapping the potentials of inter-company cooperation and circular economy for climate protection Dr. Michael Weber, Weber Sites Consulting, Germany	Workshop II Greenhouse gas accounting: From theory to practice. How companies can benefit TBC	Workshop III Roadmaps for greenhouse gas mitigation in the chemical industry TBC
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4:15pm – 5:15pm **Plenary: Reporting and Discussion of Main Findings from the Workshops**
Participants, Prof. Dr. Klaus Kümmerer, ISC3 R&EH / Leuphana University, Lüneburg, Germany, Dr. Detlef Schreiber, CAPCI

5:00pm – 5:15pm **Organizational Matters**

THURSDAY, 13 JULY **PART 2: Excursion**

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FRIDAY, 14 JULY **PART 2: CLIMATE CRISIS**

9:00am – 11:00am **Pitching event & poster presentations**
Participants, moderation Prof. Dr. Klaus Kümmerer and Team, ISC3 R&EH / Leuphana University
Lüneburg, Germany

11:00am – 11:15am **Coffee Break**

11:15am – 12:45pm **Lessons Learned and My Take Home Message**
Participants, moderation Prof. Dr. Klaus Kümmerer and Team, ISC3 R&EH / Leuphana University
Lüneburg, Germany

1:45pm – 1:00pm **Wrap up, Certificates, Concluding Remarks and Farewell**
Prof. Dr. Klaus Kümmerer and Team, ISC3 R&EH / Leuphana University Lüneburg, Germany

1:00pm **End of Summer School & Departure of Participants**