

THE MYTHS OF RENEWABLES

16.9. – 20.9.2019



→ **SUMMER SCHOOL ON SUSTAINABLE CHEMISTRY FOR SUSTAINABLE DEVELOPMENT**

WHO WE ARE AND WHAT WE DO

ABOUT ISEC

The Institute of Sustainable and Environmental Chemistry (ISEC) was established in 2010 within the Faculty of Sustainability at Leuphana University and focuses on the use of chemical substances and the impact of chemicals and pharmaceuticals on the environment and the society to develop solutions that meet the criteria of sustainability. www.leuphana.de/en/institutes/isec

ABOUT ISC₃

ISC₃ was established in 2017 as a new independent institution promoting and developing sustainable chemistry solutions worldwide. ISC₃ is acting as an innovation promoter, dialogue platform, education hub and a research hub, www.isc3.org

WHAT YOU CAN EXPECT PROVISIONAL AGENDA

PROVISIONAL AGENDA

16.9.2019 – 17.9.2019

Part 1: General Concepts and Approaches of Sustainable Chemistry

18.9.2019

Excursion to a company in a topic-related business field to gain insights into up-to-date approaches and challenges in the renewables area.

19.9.2019

Part 2: Sustainable Chemistry and Renewables
Topic-related workshops

20.9.2019

Presentation/discussion of findings in the workshops, Wrap-up and administrative issues

VENUE

Leuphana University Lüneburg | Universitätsallee 1 | 21335 Lüneburg | www.leuphana.de/summer-school-s3c

TARGET GROUP

The summer school aims at graduates, PhD-students, postgraduates and young professionals from academia, industry, authorities, research and non-governmental organizations who deal with or are professionally interested in the topic of sustainable chemistry as a cross-cutting issue.

Organization Team Summer School S3C | ISC₃ Research & Education Hub
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WHAT IT IS ALL ABOUT

DESCRIPTION

Chemistry is the material basis of our everyday life, health and well-being. It is the basic science and technology for the design, synthesis and manufacturing of new products. As such it is one of the most important pillars for the standard of living. Accordingly the products and the role of chemistry is manifold and indispensable. In order to meet the needs of a sustainable future, chemistry has to become more sustainable and also needs a different understanding. Following a general introduction to concepts, tools and approaches of sustainable chemistry, this year's summer school targets „The Myths of Renewables“. In interactive lectures and workshops participants will critically discuss sustainability aspects of bio resources, recycling and renewable energies and are encouraged to bring in individual perspectives and experiences to the discussion.

Questions often raised in this respect will be addressed, such as:

- Is circular economy a closed loop?
- What is the potential of renewables?
- Is renewable energy sustainable?
- Does renewable energy guarantee full energy security?
- Is renewable energy a clean and CO₂ neutral energy source?
- What are the challenges of renewables?



WHAT YOU NEED TO KNOW

ORGANIZATIONAL MATTERS

REGISTRATION

Please send an email to summerschool-s3c@leuphana.de with the registration form available on our website. www.leuphana.de/summer-school-s3c

ACCOMODATION

A list of hotels is available on our website. Please make sure to book your accommodation as soon as possible!

COSTS

No registration fee! Participants will have to cover their own travel costs, accommodation and personal expenses

FUNDING

Participants from developing countries are eligible for a restricted number of scholarships which will help to partly cover some of the travelling and accommodation costs. These need to be applied for by a written application comprising a letter of motivation, a CV and references **by 15 April 2019** to the following email address: summerschool-s3c@leuphana.de

Travelling costs of participating GIZ employees need to be covered by their projects.

Participants are kindly advised to apply primarily for fundings within their home institution and/or home country.

ORGANIZERS

The Summer School on Sustainable Chemistry for Sustainable Development is organized jointly by the Research and Education Hub of the ISC₃ and the Chair for Sustainable Chemistry and Physical Resources at the Institute of Sustainable and Environmental Chemistry of Leuphana University Lüneburg www.leuphana.de/en/institutes/isec

TRAVEL ORGANIZATION

The closest airport to Lüneburg is Hamburg. Alternatively Hanover or Frankfurt might be convenient. From all airports Lüneburg can be reached via train or public busses. For further details, please refer to www.leuphana.de/en/services/travel-directions

CONFERENCE SITE

Enjoy the atmosphere and diversity of a historic town with a medieval town centre, which is nevertheless young at heart and only about 30 minutes away from Hamburg.