



SCS
Swiss Chemical
Society



University
of Basel

CLARIANT 

Program
**3RD CLARIANT
CHEMISTRY DAY
2016**

OCTOBER 12



SWISS CHEMICAL
SOCIETY

CLARIANT

**CleanTech
AWARD**
SWITZERLAND

UNIVERSITY OF
BASEL

what is precious to you?

October 12

PROGRAM

1.00 pm *Welcome & Refreshments and opening poster session I*

2.00 pm **Representative University of Basel**
Opening address

2.15 pm **Martin Vollmer**
CTO Clariant
*Research for tomorrow's markets –
how to fill the innovation pipeline?*

PLENARY SESSION I

Chair Prof. M. Mayor, University of Basel

2.45 pm Lecture Awardee Clariant CleanTech Award
Markus Jeschek
Eidgenössische Technische Hochschule Zürich (ETH)
*Directed evolution of artificial metalloenzymes for in vivo
olefin metathesis*

3.00 pm Lecture Awardee Clariant CleanTech Award
Luo Jingshan
École Polytechnique Fédérale de Lausanne (EPFL)
Hydrogen fuel generation via solar water splitting

3.15 pm Clariant Lecture I
Andreas Geisbauer, Normen Szesni
Clariant
*Clariant EleMax™ catalysts for Liquid Organic Hydrogen
Carriers: the next level in catalysis for safe and economic
storage, transport and release of hydrogen*

3.30 pm *Poster session II & Refreshments*

PLENARY SESSION II

Chair Prof. E. Constable, University of Basel

4.30 pm Lecture Awardee Clariant CleanTech Award
Amit Nagarkar
University of Fribourg
*Catalytic Living Ring-Opening Metathesis Polymerization:
Significant reduction of the ruthenium catalyst loading*

4.45 pm Lecture Awardee Clariant CleanTech Award
Fang Song
École Polytechnique Fédérale de Lausanne (EPFL)
*Improved water splitting: Focus on O₂ generation as rate
determining step*

5.00 pm Clariant Lecture II
Georg Schirmacher
Clariant
Lipids and Surface active Substances from Marine Biomass

5.15 pm Lecture Awardee Clariant Chemistry Award
Laura Allegra Büldt
University of Basel
*A New Class of Luminophors and Photocatalysts for
Challenging, Visible Light Driven Reactions Based on
Earth-Abundant Metals*

AWARD CEREMONY

5.30 pm **Britta Fünfstück**
Member of the Executive Committee Clariant
*Clariant CleanTech Awards
Clariant Chemistry Award at the University of Basel &
Poster Award*

3RD CLEANTECH LECTURE

5.45 pm **Prof. Ronny Neumann**
Catalysis, Green Chemistry and Renewable Energy Lab,
Weizmann Institute of Science, Israel
*Polyoxometalates for Catalytic Oxidation and Reduction and
their use for Sustainable Transformations*

6.45 pm **Britta Fünfstück**
Member of the Executive Committee Clariant
Representative University of Basel
Closing remarks

7.00 pm *Opening of buffet*

9.00 pm *End*

CLARIANT Portrait

Clariant is a globally leading specialty chemicals company, based in Muttenz near Basel/Switzerland. On 31 December 2015 the company employed a total workforce of 17'213. In the financial year 2015, Clariant recorded sales of CHF 5.807 billion for its continuing businesses. The company reports in four business areas: Care Chemicals, Catalysis, Natural Resources, and Plastics & Coatings. Clariant's corporate strategy is based on five pillars: increase profitability, reposition portfolio, add value with sustainability, foster innovation and R&D, and intensify growth.

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