

PAPER SUBMISSION

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Please submit proposed contributions in the form of a two page abstract (max. 1 MB) via

www.europacat2019.eu

1. It is very important that you use the template from the website to create your abstract.
2. Enter the author list (author and co-authors) and contact details in the same order as in your abstract.
3. Please note: DECHEMA will not make any changes or corrective action regarding the authors information.

The conference language is English.

The deadline for submitting an abstract is **14 January 2019**.

The selection of the contributions (oral or poster) will be based on the review of the abstracts by the Committees.

For the thematic classification of your paper you have to choose a scientific approach and an area of impact.

Scientific Approach

1. Modeling and Simulation
2. Design and Preparation
3. Monitoring and Characterization
4. Transformation and Processes

Area of Impact

- » High Value Chemicals (fine chemicals, pharmaceuticals, asymmetric catalysis,...)
- » Bulk Chemicals and Commodities (olefins, aromatics, monomers, polymers,...)
- » Energy and Fuels (refinery processes, biomass conversion, XTL, power-to-X,...)
- » Environmental Protection (water purification, air pollution control, automotive catalysis,...)

GENERAL INFORMATION

VENUE

The conference will take place at **Aachen**, the “triple point of Europe”.

Eurogress Aachen
Monheimsallee 48
52062 Aachen
www.eurogress-aachen.de

EPOSTER

Authors of accepted poster contributions are expected to submit the poster in electronic form to the Web based platform. The poster will be accessible electronically to participants on interactive large format monitors during the whole conference. Detailed information on the electronic submission and instructions, how to prepare the posters will be given with the notification of acceptance.

POSTER WORKSHOPS

Thematic poster workshops will accompany the poster sessions in which the poster authors will have the possibility to present the key messages from their posters and subsequently discuss them. The topics for the poster workshops will be determined after the paper submission has been completed. Authors will be informed accordingly.

SPONSORING AND EXHIBITION

Be part and support the EuropaCat 2019 in Aachen. We offer numerous opportunities for exhibitors and sponsors to share and exchange scientific information.

More information at www.europacat2019.eu/exhibition or contact us directly for individual arrangements.

IMPORTANT DATES

17 September 2018	Paper submission starts
14 January 2019	Deadline for paper submission
April 2019	Notification of abstract acceptance
2 May 2019	Start of registration

www.europacat2019.eu

GENERAL INFORMATION

REGISTRATION FEES¹⁾

	Early Bird (until 17 June 2019)	Regular
Participants from Industry	650 €	750 €
Participants from Academia	500 €	600 €
Students ²⁾	250 €	300 €

1) No VAT requested according to § 4.22 UStG, registration fee may include catering services with VAT.

2) Proof of status required

The registration fee includes conference ticket, programme, list of participants and book of abstracts (the abstracts will be published on a password protected website, all registered participants of the conference will get access to the abstracts and the online book of abstract).

The catering during the welcome reception, poster partys and the coffee breaks is also included, but no lunches.

SPONSORS

(as of August 2018)

We thank the sponsors for their support.



ORGANISER



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EuropaCat  2019

AACHEN · GERMANY · 18 – 23 AUGUST

14th EuropaCat – European Congress on Catalysis

“Catalysis without Borders”

A joint event of the catalysis communities from
Germany, the Netherlands and Belgium

CALL FOR PAPERS

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INVITATION

We cordially invite you to join us for the

14th European Congress on Catalysis, EuropaCat 2019,
to be held in **Aachen, Germany, from 18 – 23 August, 2019.**

The conference and the location will provide a splendid opportunity to discuss scientific progress, to explore novel technologies and to enjoy hospitality in the Euregio under the motto **“Catalysis without Borders”**.

HIGHLIGHTS

- » The **major European Conference** in the field of **catalysis**
- » More than **1500 participants** from industry and academia
- » Around **200 lectures** and **1000 posters**
- » **Young Scientists** meet experienced experts to discuss future challenges in catalysis
- » Attractive social programme with excursions and **EuropaCat party**



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COMMITTEES

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INTERNATIONAL ADVISORY BOARD

EFCATS Council, representing the scientific disciplines and regional societies or communities of catalysis research in Europe.

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PLENARY SPEAKERS

CONFIRMED PLENARY SPEAKERS



Catalysis for conversion of sustainable energy

I. Chorkendorff, Technical University of Denmark/D



Single-sites: Concept and Methods to Decipher Industrial Catalysts

C. Copéret, ETH Zürich/CH



Molecular oxygen as a reagent in late transition metal catalysis

K.I. Goldberg, Vagelos Institute for Energy Science and Technology/USA



“Pas de Deux” of methane: Chemical Engineering and Catalysis

G.B. Marin, Ghent University, Ghent/B



Stimulation of catalytic processes: Some new approaches and expected benefits

V. Parmon, Boreskov Institute of Catalysis, Novosibirsk/RUS



Catalytic Reactions with Molecular Oxygen: From Chemical Synthesis to Energy Conversion

S.S. Stahl, University of Wisconsin-Madison/USA



KEYNOTE SPEAKERS

CONFIRMED KEYNOTE SPEAKERS

Exploring active sites and reaction pathways in redox catalysis by multiple operando spectroscopy

A. Brückner, Leibniz Institute for Catalysis, Rostock/D

Sustainable Chemicals Production from Biomass and Other Renewable Feeds: Catalyst Design, Route Development and Feed Characterization

P. Bruijninx, Utrecht University/NL

Realistic modeling of industrial heterogeneous catalysts in reactive environment: from Density Functional Theory simulations to predictive kinetic models

C. Chizallet, IFP Energies nouvelles, Solaize/F

Upgrading biomass through catalytic processes

P. Dyson, Ecole Polytechnique Fédérale de Lausanne/CH

Olefin polymerization catalysis: is it really a mature field of research?

E. Groppo, University of Turin/I

Non-Thermal Plasma Activated Catalysis

C. Hardacre, The University of Manchester/UK

Catalysis in downstream processing for the cascade production of high added value biochemicals and biofuels

E. Heracleous, Centre for Research and Technology Hellas, Thessaloniki/GR

A new spin for catalysis: from elucidating reaction mechanisms to advancing modern medical diagnostics

I.V. Koptug, International Tomography Center, Novosibirsk/RUS

OX-ZEO catalyst concept for selective conversion of syngas

X. Pan, Chinese Academy of Sciences, Dalian/PRC

The role of heterogeneous catalysis in biomass conversion

B. Sels, KU Leuven/B

Redox Catalysis on Oxide Nanocrystals for Air Pollution Care – a Conceptual Account

Z. Sojka, Jagiellonian University/PL

Holistic understanding of catalytic performance through physicochemical gradients on surface and in fluid

A. Urakawa, Institute of Chemical Research of Catalonia (ICIQ)/E

Switchable Polymerization Catalysis: Order From Mixtures

C. Williams, University of Oxford/UK