

## PROGRAMME COMMITTEE

**Michael Jetter**, Stuttgart University, Germany,  
**Ferdinand Scholz**, Ulm University, Germany  
 (Conference Chairs)

**Andy Allerman**, Sandia, USA

**Arnab Bhattacharya**, Tata Inst. of  
 Fundamental Research, India

**Matthew Charles**, LETI, Grenoble, France

**Armin Dadgar**, OvGU Magdeburg, Germany

**Hilde Hardtdegen**, Forschungszentrum Jülich, Germany

**Michael Heuken**, RWTH Aachen & Aixtron, Germany

**Stuart Irvine**, Swansea Univ., UK

**Jonas Johansson**, Lund Univ., Sweden

**Stacia Keller**, UCSB, USA

**Jong-Kyu Kim**, POSTECH, Korea

**Andrey Krysa**, Univ. Sheffield, UK

**David Lackner**, ISE Freiburg, Germany

**Kei May Lau**, Hongkong UST, Hongkong

**Michal Leszczynski**, Unipress, Poland

**Nico Lovergine**, Univ. Salento, Italy

**Wsevolod Lundin**, Ioffe Inst., Russia

**Hideto Miyake**, Mie Univ., Japan

**Ok-Hyun Nam**, Korea Polytech Univ., Korea

**Josef Novak**, Slovak Academy of Sciences, Slovakia

**Emanuele Pelucci**, Tyndall, Ireland

**Aloc Rudra**, EPFL Lausanne, Switzerland

**Bo Shen**, Peking Univ., China

**Masakazu Sugiyama**, Univ. Tokyo, Japan

**Kerstin Volz**, Uni Marburg, Germany

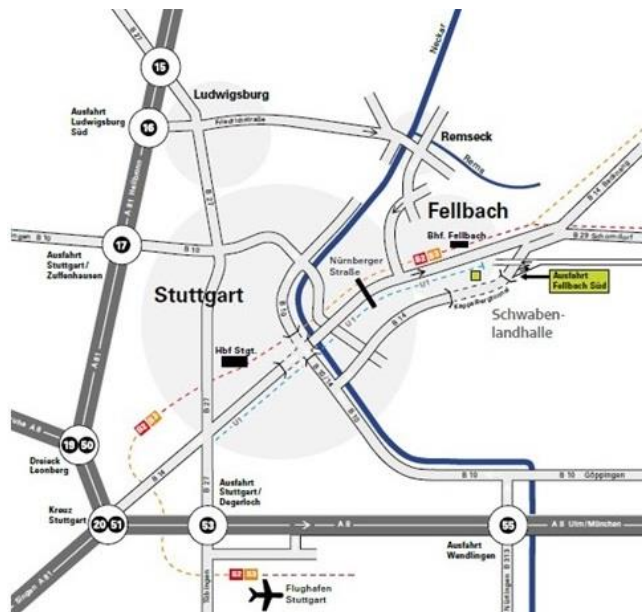
**Christine Wang**, MIT Lincoln Lab, US

**Tim Wernicke**, TU Berlin, Germany

**Markus Weyers**, FBH Berlin, Germany

**Jesus Zuniga Perez**, CRHEA, France

Fellbach/Stuttgart is located in the south-west of Germany. It can be easily reached by plane, train and car. Fellbach and Stuttgart join the same local public transportation system.



### Conference Chairs:

Dr. Michael Jetter	Prof. Dr. Ferdinand Scholz
Inst. für Halbleiteroptik und Funktionelle Grenzflächen	Institute of Functional Nanosystems
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1st Announcement and Call for Papers

## ICMOVPE XX

20<sup>th</sup> International Conference on  
 Metalorganic Vapour Phase Epitaxy

14<sup>th</sup> - 19<sup>th</sup> June 2020



in Fellbach (near Stuttgart), Germany

jointly organized by

Institut für Halbleiteroptik und Funktionelle  
 Grenzflächen, Stuttgart University and

Institute of Functional Nanosystems,  
 Ulm University

<http://icmovpexx.eu/>

## SCOPE

This conference is the 20th in the series of successful international meetings on metalorganic vapour phase epitaxy and related issues since the first meeting 1981 in Ajaccio, France. They have become a traditional meeting opportunity for the world-wide scientific community involved in MOVPE - from universities and research institutes as much as from industry. It is a forum where all topics relevant to MOVPE are addressed, ranging from surface science to device development, from basic growth mechanisms to production issues. The aim of the conference is to bring together physicists, chemists, material science specialists and engineers from all over the world to discuss the latest trends in the field of MOVPE growth of semiconductors and other materials, device fabrication, and related technological problems.

## TOPICS

MOVPE-related issues concerning

- Fundamental Studies and Modelling of Epitaxial Processes
- III-V Semiconductors and Devices (Nitrides, Arsenides, Phosphides, Antimonides, Bismites etc.)
- II-VI Materials and Devices (CdTe, ZnO, ZnSe, ZnS, MCT, etc.)
- IV-IV Materials and Devices (SiC, SiGe, GeSn, etc.)
- Semiconducting Oxides and Epitaxial Dielectrics (TCO, Ga<sub>2</sub>O<sub>3</sub>, SnO<sub>2</sub>, etc.)
- High-Temperature Superconductive Materials
- 2D Materials and van der Waal Heterostructures
- Heteroepitaxy of Mismatched Alloys and III-Vs on Si
- Low-dimensional Structures (Nanowires, -dots)
- Patterned Growth and Selective Area Epitaxy
- Atomic Layer Deposition and Epitaxy
- In-Situ Monitoring, Process Control and Reactor Modeling
- Nano-scale Characterization and Other Techniques
- Growth for Energy Technology (Solid State Lighting, Photovoltaics, Power Devices, Thermoelectrics, etc.)
- Equipment, Safety, Environmental and Production Issues including low-cost MOVPE

## CONFERENCE FORMAT

Following the tradition, the conference will consist of plenary sessions and a series of two parallel oral sessions including both invited and contributed presentations, complemented by poster sessions.

We plan to continue the tradition of organizing **rump sessions to specific topics**.

## INDUSTRIAL EXHIBITION

A commercial exhibition in close distance to the conference sessions will feature international exhibitors from all sectors of materials science and engineering communities. All interested companies are asked to contact the conference organizers.

## CONFERENCE LOCATION:

The conference will take place in the Schwabenlandhalle, Fellbach (near Stuttgart), Germany:  
<https://www.schwabenlandhalle.de>.



## CONFERENCE FEES

The conference fees will include admission to all scientific sessions, participation in the conference dinner and other social events. The amount will be similar as for the last conference (to be defined later in detail).

## ABSTRACT SUBMISSION

The contributions will be selected on the basis of abstracts submitted to the conference organizers.

Please submit a one-page abstract (A4) electronically as PDF file. The abstract must contain:

- Title of your contribution
- Full authors' list including affiliation
- Description of your approach

**Dead-Line for abstract submission:  
February 28, 2020**

The decision about acceptance of the contributions will be sent out before end of March 2020.

## HOTEL RESERVATION

We have made pre-reservation of hotel rooms during the conference in several local hotels (see list on our homepage). Please book directly at these hotels before end of April 2020.

## FURTHER INFORMATION

You can access the latest information on our web site:

<http://icmovpexx.eu/>

If you need further information, please contact:

**ICMOVPE Secretary**  
[secretary@icmovpexx.eu](mailto:secretary@icmovpexx.eu)

