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## **1st European Mass Spectrometry Conference 2018 11-15 Mars 2018**

**Lieu : Saarbrücken (Allemagne)**

**Date : 11 au 15 Mars 2018**

## **Invitation to the European Mass Spectrometry Conference (EMSC) 2018**

On behalf of the French and German mass spectrometry societies - La Société Française de Spectrométrie de Masse (SFSM) and the Deutsche Gesellschaft für Massenspektrometrie (DGMS) - we have the great pleasure to invite you to the European Mass Spectrometry Conference (EMSC), taking place between **11 to 15 of March 2018**. **The EMSC incorporates the 37th SFSM and the 51st DGMS annual mass spectrometry conferences.**

For the first time, the SFSM and DGMS are organizing a joint conference on mass spectrometry and its applications. This conference is open to any MS scientist worldwide, with a focus on mass spectrometrists from Europe, to attend this joint French/German initiative. We hope that other national MS societies from Europe will continue this format in the future, to foster a regular European MS exchange.

This meeting will be held from Sunday evening, 11 March, through Thursday after lunch, 15 March 2018 in Saarbrücken (Germany), which is right on the border to France. Saarbrücken is located in the heart of Europe, easily accessible from almost everywhere in Europe. There will be several short courses on Sunday before the conference officially opens on 11 March.

Current planning foresees 12 plenary lectures, 18 sessions of contributed talks, accompanied by poster presentations, and an instrument vendor exhibition in the field of mass spectrometry and its applications. This is a unique opportunity to build new or reinforce existing scientific exchanges and collaborations, and to create new links at the European and international level. The conference equally welcomes scientists from academia, government, industrial and non-profit research organizations, instrument vendors as well as the industry and the private sector, working on fundamental research, instrumentation, sample preparation, data processing and applied aspects of mass spectrometry.

We hope to see you in Saarbrücken at the EMSC 2018.

Sincerely,

The Organizing Committee

**Contact :** [emsc2018@sciencesconf.org](mailto:emsc2018@sciencesconf.org)

[More information on Website EMSC 2018](#)

## TOPICS

### **Fundamental of MS**

- - Instrumentation
- - Ionization techniques
- - Ion activation
- - Ion chemistry

### **Health**

- - Pharmaceutical applications
- - Nutrition
- - Environment
- - Clinical
- - Ppharmaceutical applications

## **Omics**

- - Metabolomics and Fluxomics
- - Lipidomics
- - Proteomics and PTM
- - Data processing / Data integration / Statistical approaches

## **Imaging MS**

## **Targeted and non-targeted analysis**

- - Geochemistry
- - Petroleomics and astrochemistry
- - Preparative MS and separation methods
- - Polymers/ synthetic molecules
- - Structural identification and annotation
- - Doping
- - Forensics

Plenary lectures

## **Confirmed plenary lecturers**

Alain van Dorsselaer (Wolfgang Paul Lecture), France, **Ion mobility/Proteomics**

Philippe Schmitt Kopplin, Germany, **Complex matrices - Metabolomics**

Zoltan Takats, London, UK, **Ambient ionization techniques**

Arnaud Delcorte, Belgium, **Fundamentals in static SIMS**

Thomas Kraemer, Switzerland, **MS in Forensic Toxicology**

Gérard Hopfgartner, Switzerland, **Hyphenated MS in pharmaceutical applications**

Liam McDonnell, Italy, **Mass spectrometry imaging**

Saskia van Ruth, Netherlands, **Foodomics**

Pierre Thibault, Canada, **Clinical Proteomics**

local organizing committee - scientific committee

**Marc Angot** Luxembourg Institute of Science and Technology, Luxembourg

**Frédéric Audebert** A2MC, Université de Lorraine, France

**Vincent Carlier** A2MC, Université de Lorraine, France

**Patrick Chahine** A2MC, Université de Lorraine, France

**Cédric Guignard** Luxembourg Institute of Science and Technology, Luxembourg

**Carsten Hopf** HPMAS, Mannheim University of Applied Sciences, Germany

**Emmanuel Leizer-Wagner** ISM, Université de Strasbourg, France

**Hans H. Maier** Experimental & Clinical Toxicology Department, Saarland University, Germany

**Markus Reuber** Experimental & Clinical Toxicology Department, Saarland University, Germany

**Gereon Neuber-Schaefer** Technische Universität Kaiserslautern, Germany

**Cédric Paris** Bio, Université de Lorraine, France,

**Dietrich Voelter** Institute of Bioanalytical Chemistry, Saarland University, Germany

