

13th European Fourier Transform Mass Spectrometry Workshop & 2nd EFTMS School

April 23rd – 27th, 2018
in Freising



In cooperation with



Program EFTMS School

EFTMS School is designed for graduate and PhD students, post-docs and any scientist who need to refresh their knowledge and the perfect opportunity for young scientists to meet and create their networks.

April 23 Lecturer / Topic

14:00 - *Philippe Schmitt-Kopplin*
19:00 Welcome
Peter O'Connor
Fundamentals FT-ICR, 2D-MS
Alexander Makarov
Fundamentals Orbitrap
Yury Tsybin
Data processing, advanced
fundamentals
Roman Zubarev
Proteomics

April 24 Lecturer / Topic

9:00 - *Christophe Junot*
12:00 Metabolomics, LC-MS coupling
Axel Walch
Imaging

EFTMS Workshop

The EFTMS Workshop promotes the interaction and exchange between academic and industrial scientists working in the field of Fourier transform mass spectrometry – Ion Cyclotron Resonance and Orbitrap. The contributions traditionally include fundamentals of the techniques, advances in instrumentation, and cover novel applications in biosciences, food, environment, chemistry, health and life sciences.

Program EFTMS Workshop

April 24 Speaker / Topic

12:00 - *Philippe Schmitt-Kopplin*
20:00 Welcome
Evgeny Nikolaev
Instrumental fundamentals
Guiliana Bianco
Food chemistry
Patrick E. McGovern
'Uncorking the Past'

April 25 Speaker / Topic

8:00 - *Peter O'Connor*
18:00 2D-MS & FT-ICR instrumentation
Jonathan Amster
FT-ICR Instrumentation & Glycomics
Roman Zubarev
Ion activation/dissociation,
proteomics, isotopic analysis
Martial Rey
Structural proteomics

April 26 Speaker / Topic

8:00 - *Yury Tsybin*
18:00 Data processing, FT-ICR
instrumentation, top-down
Alan Marshall
FT-ICR Instrumentation, Proteomics,
Petroleomics
Christophe Junot
Metabolomics
Axel Walch
MALDI-FT-ICR-Imaging,
in situ tissue metabolomics

April 27 Speaker / Topic

8:00 - *Gereon Niedner-Schatteburg*
14:00 Physical, inorganic and
cluster chemistry
Michael Gonsior
Environmental applications

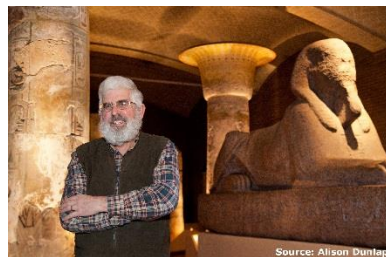
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Keynote lecturer P. E. McGovern

The organization committee proudly presents Patrick E. McGovern from the University of Pennsylvania Museum, Scientific Director of the Biomolecular Archaeology Project for Cuisine, Fermented Beverages, and Health as keynote lecturer. Prof McGovern will show how a range of increasingly more precise chemical techniques are essential to resolving key archaeological questions, including why fermented beverages are so central to human cultures around the world and as far back in time as we can detect them. Be welcome to his presentation "Uncorking the Past: Alcoholic Beverages as the Universal Medicine before Synthetics" on April 24, 2018 at the Kardinal-Döpfner-Haus in Freising.

How to get there?

Venue: Kardinal-Döpfner-Haus
Domberg 27
85354 Freising, Germany



Registration

Register online! Early bird rates are available until **February 16, 2018**.

<https://eftms2018.helmholtz-muenchen.de/registration>

Abstract submission

Submit abstracts for poster presentations online until **February 28, 2018**. If you like to apply for an oral presentation, please contact the organization committee.

<https://eftms2018.helmholtz-muenchen.de/abstract-submission>

Helmholtz Zentrum München confers Young Scientist Award and poster prizes.

Contact

Further information is given on our website:
<https://eftms2018.helmholtz-muenchen.de/>

Address your enquiries to the organization committee:

Prof. Dr. Philippe Schmitt-Kopplin
schmitt-kopplin@helmholtz-muenchen.de

Dr. Basem Kanawati
basem.kanawati@helmholtz-muenchen.de

Astrid Bösl
astrid.boesl@helmholtz-muenchen.de

Jenny Uhl
jenny.uhl@helmholtz-muenchen.de

Helmholtz Zentrum München
Deutsches Forschungszentrum
für Gesundheit und Umwelt (GmbH)
Ingolstädter Landstraße 1
D-85764 Neuherberg