

HelmholtzZentrum münchen

Deutsches Forschungszentrum für Gesundheit und Umwelt

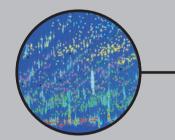


JOINT MASS SPECTROMETRY CENTRE

Workshop on analytical techniques for a comprehensive and detailed chemical analysis of petroleum and petroleum products in industry

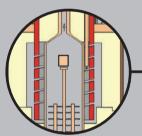
Date: 14th and 15th June 2018 Venue: Munich / Augsburg (Germany)

The Joint Mass Spectrometric Centre of the University Rostock and the Helmholtz Zentrum Munich (JMSC) in cooperation with Analytik Service Gesellschaft mbH (ASG) will held a workshop on analytical techniques for a detailed chemical and comprehensive analysis of petroleum.



Detailed qualitative and quantitative analysis of middle destillates and higher boiling point cuts: Comprehensive two-dimensional gas chromatography nominal/high resolution mass spectrometry*

Fast and detailed analysis of gasoline blends and feeds: Gas chromatography vacuum ultraviolet absorption spectroscopy*



Analysis of high boilers and vacuum residues: Thermo gravimetry and direct insertion probe*

Process analysis and hypenathion of mass spectrometry:

Photoionization and high resolution mass spectrometry





Linking chemical signatures to biological response: examples for petroleum powered combustion engines (Air liquid interface and multiomics approach)

The workshop will address the perspectives of these techniques and methods for industrial applications (R&D and specification lab) in the field of petroleum and related industries. The seminar part will be supported by lab demonstrations and hands-on (*).

The participation of the workshop will be free-of-charge. (Transportation and accommodation are not included) The number of attendeece is limited. Please place your enquiry to

Angela Hoffmann (agnela.hoffmann@helmholtz-muenchen.de)

We gratefully acknowledge







