



20 June 2017 in Cologne, Germany

6th International IGC Symposium

Industrial and Applied Surface Characterisations by Inverse Gas and Liquid Chromatography

Surface properties are so crucial for many particulate products and applications. **Learn about new methods to measure them!**

This Symposium brings together experts who all use dynamic sorption methods also known as **inverse gas and liquid chromatography (IGC, ILC)**.

The program will present the latest, most up-to-date knowledge and experience on **surface characterisation of powders, fibres and organic materials**. Good experiences, as well as critical aspects and supporting techniques will be outlined and discussed.

The one-day program is compact and **ideally suited for industry representatives** from **R&D, product development and analytical departments** as well as researchers from institutes.. The location in Cologne is nicely situated beside the Rhine. The pre-conference dinner offers further networking opportunities.

When: 20 June 2017, 9:30 - 17:00

Where: art'otel, Cologne, Germany

Further details and registration:
www.inverse-chromatography.com

For any questions please contact us:

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Speakers and Presentations

Dr. Thomas Koch, Kronos International, Leverkusen, Germany
Application of IGC for characterization of TiO₂ pigments

Dr. Matthias Kellermeier, BASF, Germany
Characterizing mineral surfaces and their interactions by inverse chromatography techniques

Dr. José Gamelas, CIEQPPE, University of Coimbra, Portugal
IGC as a sensitive tool to assess changes in the surface properties of polysaccharides occurring during functionalization reactions

Dr. Martin Rudolph, Helmholtz-Institute, Freiberg, Germany
A new wettability parameter based on IGC to characterize the flotation process for the separation of fine mineral particles

Dr. Eric Brendle, Adscientis, Wittelsheim, France
New ways to characterize 'hard' and 'soft' surface properties materials by IGC

Max Rieger, Fraunhofer Institute, Karlsruhe, Germany
Characterization of metal-organic frameworks by IGC for preconcentration

Katarzyna Adamska, University of Technology, Poznan, Poland
Inverse liquid chromatography in the study of physicochemical properties of hydroxyapatite-polymer monolithic columns

Ralf Meyer, University of Leipzig, Germany
Exploring grafting effects of trialkoxysilanes on porous glass surface – IGC in comparison to other Methods

Organizers:

