

Dioxin 2018 Session

An Analytical Update for Dioxins and Related Halogenated Compounds

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WITH YOUR COLEGUES and STUDENTS!**

Dear Colleague,

You are invited to submit an Abstract to the **Dioxin 2018** Symposium Session on **An Analytical Update for Dioxins and Related Halogenated Compounds** to be held in Kraków, Poland, 26-31 August 2018. Each registered author can submit as presenter up to two abstracts. Abstracts by students (for oral or poster presentation) can be accepted also for the Pre-Dioxin Students Session to be held on August 25.

The analytical approach to dioxins and related halogenated compounds had been driven by quickly evolving laboratory instrumentation, especially in the chromatography and mass spectrometry sector. Today, the instruments deliver highest sensitivity at lowest detection limits. The inauguration of the triple quad technology for confirmation method due to European directives, offers a by far cheaper approach to this field of analysis and makes it affordable to a wider range of scientists and laboratories. Combined with the globally growing demand on dioxin and POP analysis, plenty of countries are starting their approach to this sophisticated field of instrumental analytics.

Yet, the challenge is obvious. Dioxin analysis demands much more than only highly sophisticated analytical instruments. A broad and deep knowledge on sample handling, sample preparation and clean-up as well as suitable facilities are of utmost importance. However, the field of dioxin and halogenated POP analysis is so complex that experience has to be gained by trial and error but also exchange of ideas with the international community.

The focus of this session is on overcoming analytical barriers in dioxin and related halogenated compounds. How did you start your approach? How did you modify your sample treatment? How did you adjust your GC/MS setup? Thus, we are looking for contributions from all kinds of matrices showing their way from the original sample to robust and reliable results.

The oral presentation is to be 20 minutes in length. Ideally, all submissions are to be a one page abstract or a four page short paper (see the guidelines established by the meeting organizers). A one page abstract should have up to 600 words. A short paper consists ~4 pages (see the guidelines established by the meeting organizers), and will be published on a USB stick and can be accepted and published in the 2018 volume of the Organohalogen Compounds journal (http://dioxin20xx.org/ohc_database_search.htm).

The Pre-Dioxin Students Session will be held at the session venue located at the venue very close to the Old Downtown Kraków area. This is a session for students by students and only student presentations are accepted. Depending on the number of participants, one submission per registered student is permitted at this time. In addition to the standard 20-minute oral presentations (including time for questions) and poster presentations, there exists the possibility of presenting a short (5 min) poster highlight session in addition to a poster presentation. These short oral presentations will give young researchers the opportunity to present their work and initial results and will give an opportunity to receive constructive feedback. Awards for the best student presentation (oral or poster) will be granted to students for outstanding presentations at the Students Symposium.

Students applying for a Otto Hutzinger Award must submit a four pages short paper and for students attending the Pre-Symposium Students Sessions only the one-page abstract is required.

We welcome Abstracts that highlight new findings on human and wildlife exposure; suspected and known sources, environmental fate and exposure pathways, body burdens and patterns (isomer specific), spatial and temporal trends, and health effects.

Kindly let us know in advance if you plan to submit an Abstract for consideration as an ORAL presentation.

NOTE: Participation in the Students Session is free of charge for student presenters who are registered for the Dioxin 2018 Symposium, and have paid applicable registration fees. Other student attendants – please see for details at <http://dioxin2018.org/>.

Dioxin 2018 Abstract Submission – Deadline for an abstract submission is May 11, 2018. Your abstract can be considered as accepted unless you receive a notice of rejection.

We look forward to hearing from you -- and hope to see you at Dioxin 2018 in Kraków.

Chairs

Jean François Focant¹ and **Marc von Essen**²

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