

Dioxin 2018 Session

Halogenated PAHs and PAHs

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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 **Halogenated PAHs and PAHs** 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.

Halogenated polycyclic aromatic hydrocarbons (PAHs) and PAHs are ubiquitous emerging contaminants in various environmental matrices including air, soil, water, sediment, food, biota samples, and so on. Halogenated PAHs and PAHs were unintentionally produced during various anthropogenic activities.

Halogenated PAHs and PAHs can induce aryl hydrocarbon receptor-mediated toxic responses, and the mutagenicities of some halogenated congeners are higher than those of their parent PAH congeners. Monitoring results of halogenated PAHs in some environmental matrices from several typical areas have suggested higher dioxin-like toxic equivalents (TEQs) than those of notorious polychlorinated dibenzo-*p*-dioxins and dibenzofurans (PCDD/Fs). This implies the importance of understanding the environmental characteristics of halogenated PAHs and PAHs, their sources and control, as well as their toxicities.

Therefore, it is an important topic about the investigations of contamination status, identifications of the potential sources and formation mechanism, as well as the new progress of their toxicities.

Presentations addressing environmental characteristics, toxicities, new source identification and related matters on halogenated PAHs and PAHs are welcome.

The oral presentation is to be 20 minutes in length (including questions). 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 2018 Symposium Students Session “**All POPs and Pseudo-POPs**” will be held at the session venue located 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

Guorui Liu¹ and **Yuichi Miyake²**

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