

## Dioxin 2018 Session

### Polychlorinated Naphthalenes and Chlorinated Paraffins (PCNs/CPs)

**PLEASE SHARE THIS INVITATION  
WITH YOUR COLLEAGUES and STUDENTS!**

Dear Colleagues and Friends

You are invited to submit an Abstract to the **Dioxin 2018** Symposium Session on **Polychlorinated Naphthalenes and Chlorinated Paraffins (PCNs/CPs)** 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-Symposium Student Session to be held on August 25.

Chlorinated Paraffins (CPs) are of increasing concern to the environment and to human health. The short chain compounds (SCCPs) have recently been moved up to Annex A (Elimination of production and use) of the Stockholm Convention, but manufacturing emphasis has moved to the medium and longer chain (MCCPs and LCCPs) compounds. There is a real shortage of information - analysis, occurrence, toxicology and risk - for all compounds, but around the globe, laboratories have renewed efforts to tackle this challenge. The complexity of the analytical characterisation cannot be understated, but new information is starting to emerge and it is important that the new measurement techniques and characterisation are followed up and disseminated.

Polychlorinated Naphthalenes (PCNs) are also listed in Annex A of the Stockholm convention and are characterised by their dioxin-like effects, with some congeners showing potent AhR responses. These are legacy contaminants that occur in the environment, food and human tissues and potentially contribute of the burden of dioxin-like effects such as embryotoxicity, hepatotoxicity, dermal lesions, teratogenicity and carcinogenicity.

Both of these contaminant groups are detrimental to the environment, and human and animal health, and the environmental pathway is being increasingly recognised as a route to food occurrence and thus to human exposure.

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](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 an 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 look 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

**Alwyn Fernandes<sup>1</sup>** and **Vladimir Nikiforov<sup>2</sup>**

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