



A Letter from the New ISIAQ President



Dear ISIAQ Members,

Welcome to the first newsletter with the new Board of Directors (BOD) in place. This bi-annual change in the board is the result of a new, more transparent and open election procedure, which includes several new people from around the globe. There new members consist of experienced and younger researchers, both men and women, from the USA, Asia, Europe and Australia. The last two years, under Marcel Loomans' leadership were very fruitful and a lot of new actions were undertaken.

One of the more important activities was completed membership survey, which provides a better understanding regarding what you, as members, want and expect from the society. Some of the ideas gathered from that survey have already been implemented by the former BOD. Others will be used to improve our activities in the coming years.

Many of us attended Indoor Air 2018 in Philadelphia, a conference that was well organized and highly interesting from a scientific point of view. A lot of good orals and posters were presented and our usual concern was that, due to many parallel sessions, it was impossible to attend them all.

I hope that in 2019 and 2020 we will meet again as new conferences will be organized, including [a joint conference of the International Society of Exposure Science \(ISES\) and ISIAQ](#) in August 2019 in Kaunas, Lithuania.

Conferences are still our flagship activities, although we plan to increase the visibility of ISIAQ and make its voice heard during important debates within our core competency.

As you may have already noticed, the structure of the newly elected Board is slightly different. Changes in bylaws were proposed and member-approved, based on recent experience, which involved new positions to include President-Elect and Treasurer-Elect positions. Please visit our new BOD [here](#).

Once again, I would like to thank you for your confidence electing me as your society President. I am honored by your trust and I know the whole BOD will do their best to serve and strengthen ISIAQ's mission.

Marzenna Dudzinska
ISIAQ President

Indoor Air 2018 Conference: A Great Success!



Indoor Air 2018, the 15th edition of the flagship conference of ISIAQ, was attended by around 800 people from all over the world, and it was a very successful event.

The purpose of this event was to convene the international indoor air and climate community in an exciting week of networking, exchange of ideas, and discussion of the latest indoor air science. Indoor Air 2018 featured a quality program including distinguished plenary speakers, podium and poster presentations of accepted papers, social activities to foster networking and community, and the second offering of the ISIAQ Summer School for students and post-docs.

Plenary speakers included international field experts from the US EPA, UC Berkeley, Virginia Tech, Yale University, Tsinghua University, University of Hong Kong, UNC-Chapel Hill, and the Technical University of Denmark.

Each day, there were at least eight parallel podium sessions in the morning and afternoon, so that participants had the choice of viewing around 85 different sessions, grouped into ten major topics, including: Concentrations and exposure; Sources and emissions; Chemistry and transformations; Air cleaning and filtration; Ventilation and HVAC systems; Building simulations and CFD; Microbiology and dampness; Health effects and epidemiology; Comfort, productivity, and perception; and Energy, climate change, and policy. About one-third of our podium sessions were special sessions organized by the participants themselves. Additionally, poster sessions were held late in the afternoon.

Indoor Air conferences are also about fun and comradery. Keeping this spirit, there was a varied and interesting social program, including an opening reception at Drexel, a student bowling party, a chair dinner at the world's oldest and largest square-rigged sailing vessel still afloat, an outdoor day with roller skating and mini-golf, and a conference party at a renowned natural history museum. In addition, many participants took advantage of Philadelphia's historic areas, including our many world-class museums and cultural heritage sites that were the birthplace of the modern United States of America.

Finally, the conference was fortunate to have many sponsors and corporate exhibitors. One particularly strong supporter of the conference was the Alfred P. Sloan Foundation, which has relevant scientific programs in the Chemistry of Indoor Environments (CIE) and Microbiology of the Built Environment (MoBE). The Sloan Foundation sponsored one of the plenary talks, as well as five special sessions organized around the CIE and MoBE programs. The organizers thank the sponsors, as well as all those who traveled to Philadelphia to attend Indoor Air 2018.

Michael Waring and Brent Stephens
Indoor Air 2018 Presidents

Chapter Activities: ISIAQ.nl Symposium on Indoor Environment in Energy Efficient Homes

In the spring of 2018 ISIAQ.nl organized a symposium on "Indoor Environment in Energy Efficient Homes". The symposium, organized together with Eindhoven University of Technology, was very well attended by around 100 professionals with different backgrounds: ventilation systems producers, consultants, architects, researchers, governance and occupational health professionals.

Six speakers highlighted different themes related to different parts of dwellings and/or different activities of their occupants.

•**Helianthe Kort:** Ventilation and sleep quality - What do you need for good sleep quality? More strict regulations (NEN 1087) or 'Food pyramid for the brain'?

•**Piet Jacobs:** Importance of cooking extraction in airtight housing - Which systems are required for adequate cooking exhaust in low energy dwellings? A motorless extractor hood, downdraft, plasma cap or something else?

•**Evert Hasselaar:** Mold problem in the bathroom - How much moisture is left after normal showering? And after a teenager showers?

•**Marcel Loomans:** Overheating in BENG homes - Is overheating of low-energy dwellings an issue of concern? Is it about the design and/or the use of dwellings? How can you prevent this?

•**Renz Pijnenborgh:** Design of BENG homes - What was Ecolonia 1992? What is the concept of 'Integral bio-logical building'?

•**Rob van Holsteijn:** Performance of ventilation systems - What is the correct air exchange in every room? How can you rate performance of ventilation components?

The second part of the symposium consisted of a panel discussion led by Atze Boerstra. Discussion topics were: Why we don't succeed in creating and maintaining a good indoor environment in most homes? Who is responsible for this? Legislation? Suppliers of ventilation systems? Architects? Contractors? Or are residents themselves the biggest problem? And how can we change this situation?

The symposium was well received by the attendees. The result of that can be seen by the fact that we welcomed 40 new members for ISIAQ.nl! The next symposium is planned for this fall on polyurethane and its possible health effects.

For more information [in Dutch], look at the symposium [webpage](#).

Launch of the Mentorship Program

We are excited to announce that ISIAQ is regenerating the mentorship program! The mentorship program will allow students and early-career ISIAQ members to align with senior ISIAQ members, forming a mentor-mentee relationship that can strengthen the society, advance the profession, and build lifelong collaborations and friendships.

The program will provide mentees with mentorship and guidance from ISIAQ researchers outside of their home institutions, providing them with early career advice, research and

publication advice, discussions about current and emerging topics in the indoor environmental science field, and an opportunity for the mentee to network with senior members. Additional information about the mentorship program can be found [here](#).

If you are interested in becoming a mentee or a mentor, sign up for the mentorship program by filling out this [online form](#). Please note you must be a current member to view this page. If you are not logged in, you will be prompted to do so.

The pairing up process will start soon. We look forward to your participation!



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