



HAKONE XIX

19th International Symposium on
High Pressure Low Temperature Plasma Chemistry

August 23-27, 2026 – Montreal, Quebec, Canada



<https://www.hakone-symposium.org/index.php/hakone-2026-2/>

The 19th **HAKONE - International Symposium on High Pressure Low Temperature Plasma Chemistry** will be held at Campus MIL of the Université de Montréal, in the heart of Montreal, Quebec, Canada, **August 23–27, 2026**.

The **HAKONE symposia** are biennial international conferences, beginning in Hakone, Japan, in 1987, dedicated to the fundamentals, chemistry and applications of high pressure, non-thermal plasmas. The conference topics include:

- Fundamentals, Modelling and Diagnostics
- Environmental and Energy Applications
- Biomedical Applications
- Surface and Material Technology and Advanced Manufacturing

The symposium program is available at: **[HAKONE Program](#)**

The **registration** portal is open!

Take advantage of **early registration rates available until May 31, 2026**.

Participants can also sign up for guided tours of plasma laboratories and excursions in the Montreal region. These optional activities can be booked during registration, but availability is limited for each option.

To register, please follow the instructions on [Hakone registration page](#).

Descriptions of Venue and Accommodations are at: [Venue/Hotels](#)



Ulrich Kogelschatz Lecture Awardee

Anne Bourdon

Laboratoire de Physique des Plasmas, France

Modeling and simulation of atmospheric pressure low-temperature plasmas

Invited Speakers

Tom Huiskamp

Eindhoven University of Technology, The Netherlands

The scalability of streamer discharge generation for industrial air purification

Atsushi Komuro

National Institute of Advanced Industrial Science and Technology (AIST), Japan

Physicochemical dynamics of atmospheric pressure streamer discharges:

Numerical modelling and electric field measurement in DBDs

François Reniers

Université libre de Bruxelles, Belgium

New perspectives of dielectric barrier discharges for the deposition of thin films

Stephan Reuter

Polytechnique Montréal, Canada

Control and diagnostic-based tailoring of plasma reactivity in health, environment, and agriculture

Katharina Stapelmann

North Carolina State University, USA

Plasma endpoint detection for wound healing

Late submissions: The submission window for oral presentations is now closed. **Late poster submissions will be accepted until June 15.** Please follow the instructions in the [abstract template](#) carefully and upload the abstract in PDF format by using this link: [Abstract submission](#).

Prof. Dr. Ronny Brandenburg, Chair, International Science Committee

Prof. Ahmad Hamdan, Chair, Local Organizing Committee

Prof. Mark J. Kushner, Co-Chair, Local Organizing Committee

For more information, contact the LOC: hakone.xix@gmail.com

