

Venue

HAKONE XIV will take place in the conference center of the seaside „Hotel Baltic“ in Zinnowitz, situated on the scenic island of Usedom. More information is available under www.visitusedom.com, www.greifswald.de and www.zinnowitz.de.



Travel

Berlin and Hamburg International Airports can be reached within 2.5 h by train and car. A detailed timetable for the train connections can be obtained at the travel service of the Deutsche Bahn from: www.reiseauskunft.bahn.de. To reach Zinnowitz by car it is easiest to take the motorways A11 and A20. An alternative air connection is to arrive in Germany via Munich and take a connecting flight to Rostock/Laage which is approx. 120 km from Greifswald.



International Scientific Committee

Mirko Černák (Czech Republic)
Nicolas Gherardi (France)
Tony Herbert (Ireland)
Haruo Itoh (Japan)
Ulrich Kogelschatz (Switzerland)
Masuhiro Kogoma (Japan)
Kirill V. Kozlov (Russia)
Štefan Matejčík (Slovakia)
Jerzy Mizeraczyk (Poland)
Cristina Paradisi (Italy)
Henryka-D. Stryczewska (Poland)
Hans-Erich Wagner (Germany)
Chobei Yamabe (Japan)
Indrek Yögi (Estonia)

Local Organizing Committee

Ronny Brandenburg (chair), INP
Lars Stollenwerk (vice-chair), IfP
Kathrin Ehmann (secretary), INP
Liane Glawe, INP
Manfred Kettlitz, INP
Bert Krames, IfP
Jürgen Meichsner IfP
Hans-Erich Wagner IfP
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www.hakone2014.org

HAKONE XIV
2014 ZINNOWITZ GERMANY

HAKONE XIV
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September 21-26, 2014



**2nd Announcement
with Call for Abstracts**



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Seit 1456



In cooperation with



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Forschungsgemeinschaft

TR 24
complex plasmas

Invitation

Dear colleagues,

It is with great pleasure that we announce the 14th International Symposium on High Pressure Low Temperature Plasma Chemistry (HAKONE XIV), to be held in Zinnowitz/Germany September 21 to 26, 2014. HAKONE XIV is jointly organized by the Institute of Physics (IfP) at the University of Greifswald and the Leibniz Institute for Plasma Science and Technology (INP Greifswald). We are looking forward to welcoming you in Zinnowitz in September 2014.

Ronny Brandenburg and Lars Stollenwerk
(Chairpersons of HAKONE XIV)

Scope

HAKONE is a bi-annual symposium bringing together scientists and engineers working on subjects in the basic research and plasma processing of high pressure (typically 1 bar) and low temperature plasma chemistry. The scope of the conference covers the mechanisms of atmospheric pressure discharges (e.g. barrier discharges, coronas, plasmajets and microplasmas) and the chemistry in such plasmas as well as its applications e.g. ozone synthesis, water treatment, environment protection, biomedical processes, surface modification, production of alternative materials and fuels as well as other interdisciplinary topics related to non-equilibrium plasmas at high pressure.

Topics

1. Fundamental problems of high pressure discharges
2. Modelling and diagnostics
3. Molecular synthesis and decomposition
4. Ozone generation and applications
5. Generation of radiation in high pressure discharges
6. Depollution and environmental applications
7. Surface processing and technology (cleaning, coating, etching and modification, equipment)
8. Biological applications
9. Miscellaneous

HAKONE aims to provide a forum for sharing knowledge, experience and creative ideas in an informal atmosphere. The program will include invited lectures, oral presentations and poster sessions. There will be no parallel sessions and sufficient time will be available for informal discussions. Furthermore a welcoming party, a conference dinner and a conference tour are part of the conference. During the symposium an industrial exhibition is planned as well. The conference participants are invited to bring their families. The language of the symposium is English. According to HAKONE tradition, the symposium will be limited to about 120 participants.

Invited Lectures with Preliminary Titles

Peter J. Bruggeman (USA)

Diagnostics of Non-Equilibrium Plasmas and their Interaction with Liquids for Biomedical Applications

Claus-Peter Klages (Germany)

In-situ IR Spectroscopy of Dielectric Barrier Discharge Based Polymer Surface Nitrogenation

Yuri P. Raizer (Russia)

Formation of Regular and Chaotic Current Patterns in Gas Discharges of the Townsend and Glow Types: Physical Mechanisms

Kunihide Tachibana (Japan)

Spectroscopic Diagnostics of Atmospheric Pressure and Underwater Corona Discharges

J. Christopher Whitehead (United Kingdom)

Application and Mechanism of Plasma-catalysis

Registration

Registration is considered after payment. Please use the online registration via www.hakone2014.org. Please note, that the numbers of participants and single rooms are limited, so please register early.

Conference Fee (per Person)

The conference fee is all inclusive. It covers registration, accommodation (incl. access to the spa area), welcome reception, excursion, conference dinner, coffee breaks and all lunches and dinners during the conference.

	Early before July 21, 2014	Late after July 21, 2014
Single bed room	750 €	800 €
Double bed room	650 €	750 €
Accompanying Persons	470 €	570 €
Student single bed room	500 €	600 €
Student double bed room	450 €	550 €

Call for Abstracts

As a rule, all participants are expected to present a contribution about their most recent scientific results as a topical talk or as a poster. Therefore, we ask you to submit a single-page abstract to the LOC via the HAKONE website. It is necessary to register and login in the conference system first. Then please upload your abstract following the explanations for the submission process. Abstracts must be submitted in English. Please follow the formatting given in the abstract templates, which you can find on the website. The Advisory Board will survey the submissions and will select speakers for talks of 20 minutes and poster contributions from the submitted abstracts.

Conference papers (up to five pages) for the conference proceedings are expected to be prepared after the abstract acceptance notification. The IOC will select a limited number of contributions for a publication in a special issue of an international peer-reviewed journal.

Important Deadlines

January 30, 2014: Abstract submission

March 2014: Abstract notification and call for papers

July 2014: Proceeding paper submission

July 21, 2014: Early Registration