



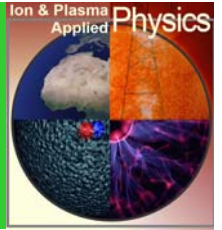
VIII IWEP & IW50YPPI



VIII IWEP 2009 Innsbruck

8th International Workshop on Electric Probes in Magnetized Plasmas
& International Workshop "50 Years Plasma Physics in Innsbruck"

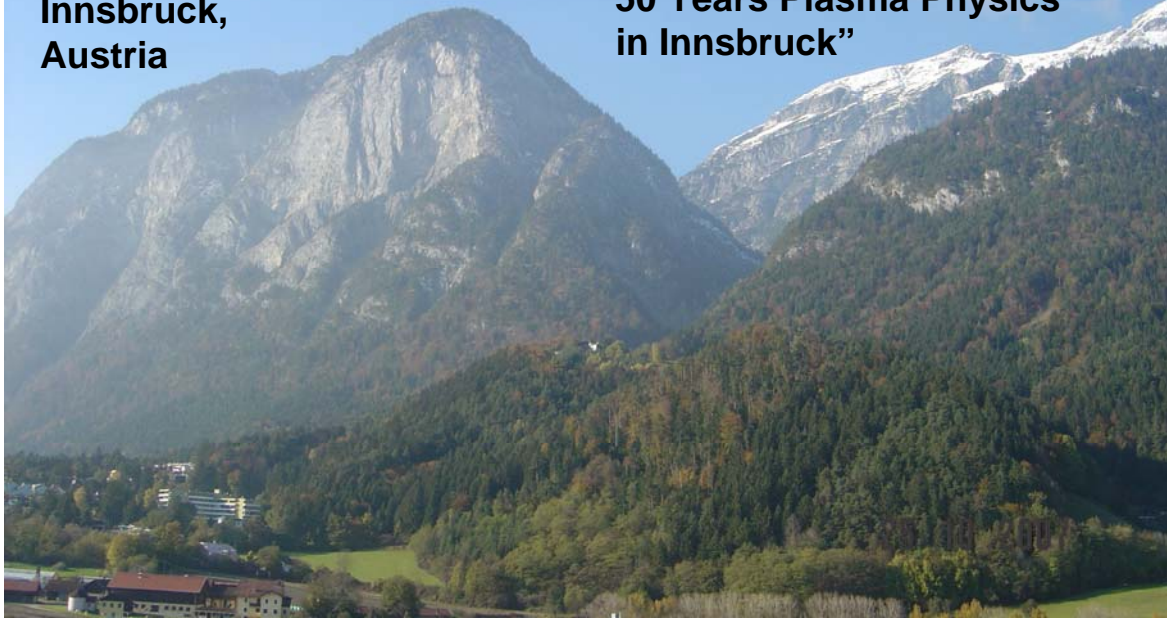
21/09 – 25/09/2009 Innsbruck, Austria
Institute for Ion Physics and Applied Physics, University of Innsbruck



VIII IWEP & IW50YPPI

21/09 – 25/09/2009
Innsbruck,
Austria

8th International Workshop
on Electric Probes in
Magnetized Plasmas
together with the
International Workshop
"50 Years Plasma Physics
in Innsbruck"



Third Announcement
And
Registration

It is our pleasure to invite you to the

8th International Workshop on Electrical Probes in Magnetized Plasmas (IWEPP 2009)

together with the

International Workshop “50 Years Plasma Physics in Innsbruck” (IW50YPPI)

to be held in Innsbruck, Austria, from September 21 to 25, 2009.

IWEPP is focused on a wide range of electrostatic probe problems in magnetized and non-magnetized plasmas.

The IW50YPPI is devoted to the celebration of 50 years of plasma physics and fusion research in Innsbruck.

Dear colleagues,

This the third announcement for of the

8th International Workshop on Electric Probes in Magnetized Plasma held in Innsbruck together with the

International Workshop “50 Years Plasma Physics in Innsbruck”.

The first and second announcement you received a couple of months before can be reviewed on the website of our institute.

Link: <http://www.uibk.ac.at/ionen-angewandte-physik/>

We would like now to provide you with important information concerning:

- General Items
- Registration and Programme
- Accommodation
- Location and Access
- Lunch and Coffee Breaks
- Social Programme (Informal Dinner, Conference Banquet and Excursion)
- Fees
- Payment
- Additional information on the **International Workshop “50 Years Plasma Physics in Innsbruck”**

8th International Workshop on Electrical Probes in Magnetized Plasmas (IWEPP 2009), September 21 – 23, 2009, Innsbruck, Austria

General Items

The 8th International Workshop on Electrical Probes in Magnetized Plasmas will be held in Innsbruck, Austria, from 21 to 23 September 2009. IWEPP is focused on a wide spectrum of electrostatic probe problems in magnetized and in non-magnetized plasmas. The IWEPP 2009 is organized by the Innsbruck Experimental Plasma Physics Group (IEPPG) at the Institute for Ion Physics and Applied Physics of the University of Innsbruck. The workshop language is English. All printed material as well as the presentations will appear in English and no translation facility will be provided.

Workshop Topics

1. Mechanisms of electron current saturation
2. Accuracy of electron temperature measurements
3. Techniques for measuring the ion temperature
4. Multiple probe systems, probe arrays
5. Robust probe tip constructions for high power loads
6. Detection and consequences of non-thermal distributions
7. Sheath and pre-sheath physics
8. Probes in recombining and drifting plasmas
9. Advanced and innovative probe concepts
10. Probes in space and propulsion systems
11. Probe applications in fusion-oriented devices
12. Probe diagnostic in technological plasmas
13. Other topics

Dates and Deadlines

1 st Announcement:	February 2009
2 nd Announcement:	Mai 2009
Abstracts:	15 June 2009
Letter of Acceptance:	15 July 2009
3 rd Announcement:	July 2009
Registration:	31 August 2009
Last announcement:	September 2009
Full paper:	21 September 2009
Payment:	as soon as possible

Workshop Format

The three-day workshop will include ONLY oral presentations. The language will be solely English.

Oral presentations will be allotted 20 minutes and 5 minutes discussion. The abstracts will appear in the Book of Abstracts. Selected contributions will be published as the special issue of Contributions to Plasma Physics journal after peer review. In addition to his/her oral presentation each contributor is therefore requested to prepare an article in electronic form, not to exceed six pages including figures.

International Scientific Committee

Michael Laux (Chairman)	IPP Greifswald, Germany
John Allen	University of Oxford, England, UK
Milan Čerček	Jožef Stefan Institute, Ljubljana, Slovenia
Kyu Sun Chung	Hanyang University, Seoul, Korea
Åshild Frederiksen	University of Tromsø, Norway
Carlos Hidalgo	CIEMAT Madrid, Spain
Mark Koepke	West Virginia University, Morgantown, USA
Emilio Martines	Consorzio RFX, Padova, Italy
Hans Werner Müller	IPP Garching, Germany
Gheorghe Popa	Alexandru Ioan Cuza University, Iași, Romania
Tsviatko Popov	Sofia University St.Kliment Ohridski, Bulgaria
Jens Juul Rasmussen	Risø - Danish Technical University, Denmark
Carlos Silva	Instituto Superior Técnico, Lisbon, Portugal
Reiner Stenzel	University of California, Los Angeles, USA
Jan Stöckel	IPP Prague, Czech Republic

Registration

In order to register for the IWEP2009 we kindly ask you to fill in the "Registration Form" we have attached to this Announcement. Please send the document until **31st August** by e-mail to iwep2009@uibk.ac.at or fax to **+435125072932**. We have attached the form as Word-Document.

You will also find information concerning the costs of registration and **additional costs** for the **social programme** on the form. Please insert the total amount of your fees in the provided space.

The participants will be asked to proceed to the on-site registration situated in the hall of the Viktor-Franz-Hess-Haus in the campus of the Faculty of Mathematics, Informatics and Physics on Sunday, 20/09 (16:00-20:00), or on Monday, 21/09, morning before the opening ceremony (08:00-09:00). In the final announcement we will confirm the location and hours for the on-site registration.

Programme

Below you can find a preliminary programme of the IWEP2009. The final programme will be included in the final announcement and the most recent version will be published on the institute's website.

<http://www.uibk.ac.at/ionen-angewandte-physik>

Preliminary Time schedule of IWEP2009 in Innsbruck

Time	Sep.21st	Sep. 22nd	Sep. 23rd	Sep. 24th	Sep. 25th
08:00-09:00	On-site registration			I W 50 Y P P I	I W 50 Y P P I
09:00-10:30	Opening Ceremony	Lectures	Lectures		
	Lectures				
10:30-11:00	Coffee Break	Coffee Break	Coffee Break		
11:00-12:30	Lectures	Lectures	Lectures		
12:30-14:00	Lunch	Lunch	Lunch		I W 50 Y P P I
14:00-15:30	Lectures	Excursion	Lectures		
15:30-16:00	Coffee Break		Coffee Break		
16:00-17:30	Lectures		Lectures		
19:00-	Informal Dinner	Banquet	Meeting of ISC		

Accommodation

We strongly recommend to plan your arrival already on Saturday, September 19th, so you can watch the great procession on Sunday, September 20th, passing through the streets of Innsbruck (probably through the Maria-Theresien-Straße and in front of the Imperial Palace ("Hofburg") etc., celebrating the 200th anniversary of the revolt of the Tyroleans against the Bavarian/French occupation and the Battles on Bergisel during the Napoleonic wars. 1809 is the year when Andreas Hofer succeeded three times in defeating the foreign troops and a historical moment of great importance for Tyrol's history. The town is expected to be full of tourists and locals who are eager to be part of this great festivity.

Therefore we recommend you to reserve a room in a hotel as soon as possible. A certain contingent of rooms will be kept free until mid-August for participants of the workshop in the following hotels in the near proximity of the institute.

In case you reserve a room at one of these hotels, please note in your reservation that you are a participant of the IWEP2009 so that the person in charge at the hotel can take account of this fact.

Kranebitter Klammstub'n ***

Fam. Hutter
Klammstraße 11
6020 Innsbruck
Tel.: +43/512/285592
Fax.: +43/512/285592-5
E-Mail: klammstube@gmx.at

Internet site: <http://www.klammstube.at/>, unfortunately there is no internet site in English, however we can assure you that the facilities of the Klammstub'n are of high quality, and furthermore this will also be **the banquet's venue**.

Kranebitterhof ***

Owner: Josef Nocker
Director: Guido Gamauf
Kranebitterallee 203
A-6020 Innsbruck
Tel.: +43 (0) 512 / 281958
Fax: +43 (0) 512 / 288249
E-Mail: info@kranebitterhof.at
Internet site: http://www.kranebitterhof.at/index_en.html

Gartenhotel **

Gerald and Ludmilla Baumann
Layrstraße 2
Tel: 0043/ (0)512/ 281912
Fax: 0043/ (0)512/ 286090
E-Mail gartenhotel@aon.at
Internet site: http://www.gartenhotel-baumann.at/ENG/herzlich_willkommen_eng.html

Hotel Goldener Adler ★★★★★

Herzog-Friedrich-Strasse 6

6020 Innsbruck, Österreich

Tel: +43/(0)512/57 11 11

Fax: +43/(0)512/58 44 09

E-Mail: goldeneradler@bestwestern.at

Internet site: http://www.bestwestern.at/hotels/index_hotel.php?id=39&lang=en. This hotel is located in the centre of Innsbruck only a few meters away from the famous "Goldenes Dachl" (Golden Roof). It is one of the most famous and oldest hotels in Innsbruck, where many famous personalities took their residence during stays in our town. It was also the first headquarter of Andreas Hofer in August 1809 during the brief freedom of Tyrol. It is appropriate for participants who wish to enjoy the direct proximity of the Innsbruck's Old Town. Please note that the number of rooms in this hotel is limited, due to the festivities on Sunday, September 20th.

The organizers have managed to provide inexpensive accommodation in student dormitories especially for student participants:

Kolpinghaus Innsbruck

Geschäftsführer: Anton Waldner

Sekretariat: Silvia Herburger (Mo - Fr, 08:00 - 12:00h)

Viktor-Franz-Hess-Str.7

A-6020 Innsbruck

Tel:++43-512-22836

Fax:++43-512-22836-44

E-Mail: kolpinghaus.ibk@chello.at

Internet site: <http://www.kolpinghaus-innsbruck.at/>, this is a quite inexpensive accommodation, which is arranged as a hotel during the summer holiday whereas during the school year it is frequently used as a student dormitory.

The rooms in the Kolpinghaus, set aside for the IWEP2009, might, due to their arrangement, not be appropriate for all people. The rooms are located in the sunny attic of the hotel with a wonderful view over the mountains. The rooms themselves are divided into two floors, so that the bath and desk are located in the lower floor whilst the beds are only accessible by means of a quite narrow stair. People who don't mind climbing will certainly be content with the rooms.

On the following site you can find a further list of different hotels throughout Innsbruck. Please note that we have pre-reserved rooms only in the hotels mentioned above, and other accommodations may be very far away from the University. We will furthermore try to organise another student dormitory near the University.

<http://www.innsbruck.info/xxl/site/innsbruck/lang/en/area/478343/subArea/478350/index.html>

Upon request we can offer assistance for the booking of your accommodation. Please do not hesitate to contact us on the official e-mail of the conference in case any problems or questions arise.

Location and Access

The Faculty of Mathematics, Informatics and Physics where the workshop will be held lies in the western outskirts of Innsbruck. The building where the lecture hall (HSG) is situated, is called **Viktor-Franz-Hess-Haus**, part of the Natural Sciences Campus and is indicated by the letter **I** on the following map. The address of the Faculty is **Technikerstr. 25 A-6020 Innsbruck**. The registration procedure, the coffee breaks and all lectures will be held in the ground floor of the building.

On the following link you will find detailed information how to reach the institute by plane, train and car.

<http://www.uibk.ac.at/ionen-angewandte-physik/anfahrt.html>

Access of your accommodation

The **Kranebitterhof** and the **Kranebitter Klammstub'n** (where also the workshop banquet will be held) are both located in beautiful Kranebitten, a small suburb of Innsbruck only 20 min by foot from the Natural Sciences Campus. Kranebitten is indicated by the letter **K** on the map. In case you arrive by plane you can either take a taxi or a bus to Kranebitten.

On this address you can check the timetable of the buses and how to reach your desired address (unfortunately only partly in English).

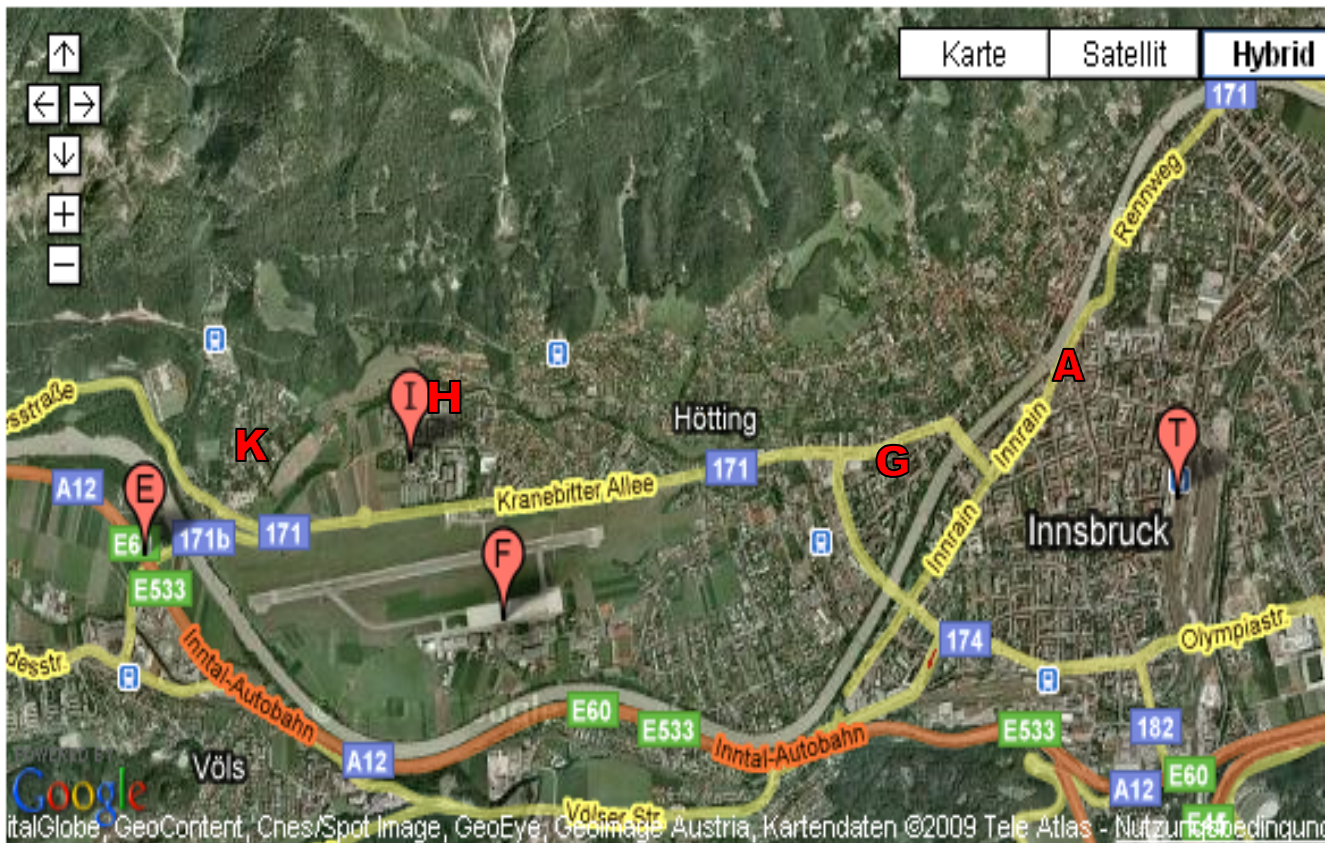
<http://www.ivb.at/index.php?id=ivb&L=1>

Also several other hotels are indicated on the following map.

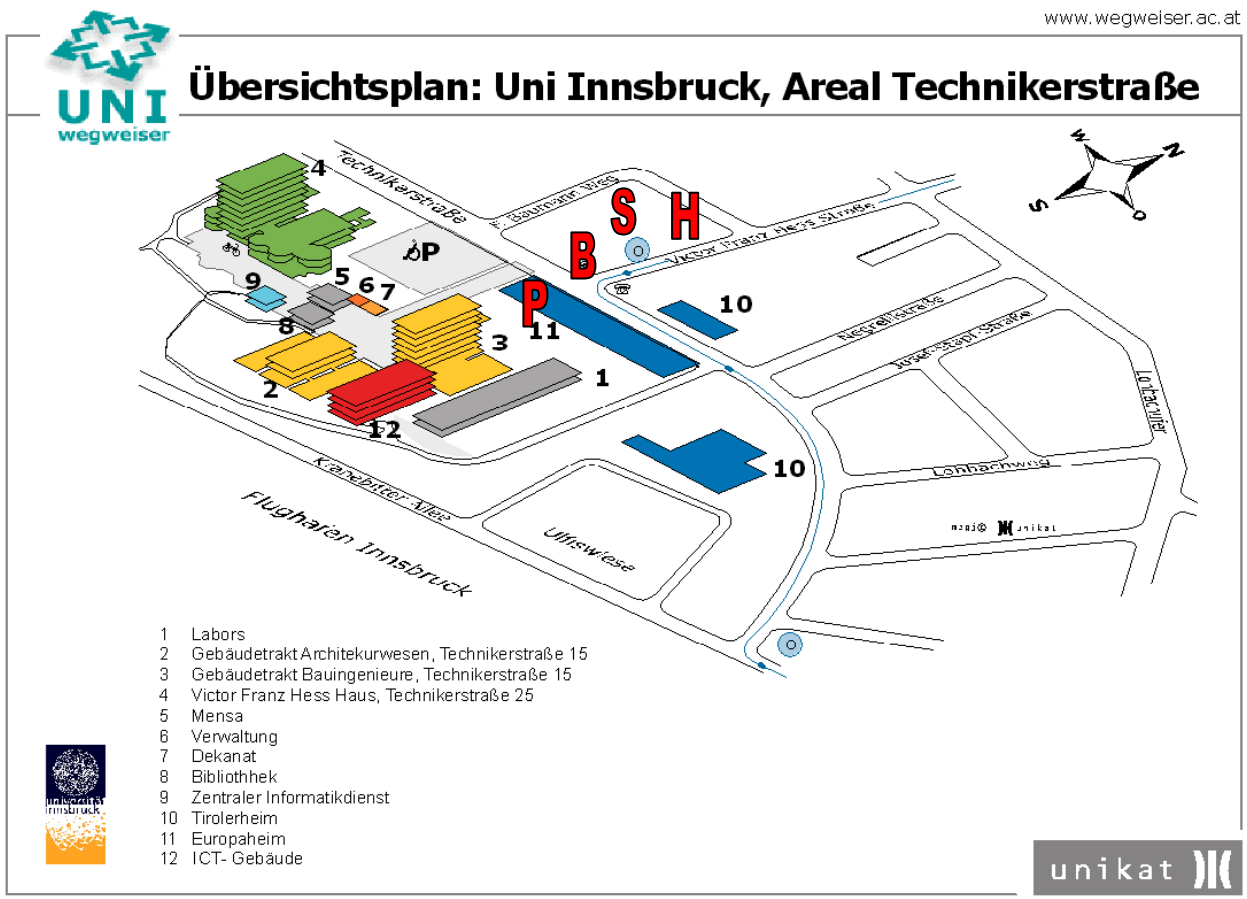
Kolpinghaus (**H**)

Gartenhotel (**G**)

Hotel Goldener Adler (**A** - This is also an indication of Innsbruck's Old Town)



The following map shows the natural sciences campus. The green building indicated by number 4 is the Viktor-Franz-Hess Haus. Some restaurants (P and B) and the Kolpingheim (H) are also indicated on the map. See also next page.



Lunch and coffee breaks

Coffee breaks including small snacks and refreshments will be prepared for the participants in the hall way in front of the lecture room G. The coffee breaks are included in your registration fee.

The participants are warmly welcome to take their lunches in the university's cafeteria (Building Number 5 on the previous map). There is always a selection of three to four meals, obligatorily including the "Riesen Wiener Schnitzel" and also a vegetarian dish. Within 3 min walk there is also the restaurant "Papa Jolly" (**P** on the map) serving Pizza and several other meals, a Bistro serving Kebab and Pizza (**B** on the map), a bakery and a supermarket (**S** on the map). The prices for the lunches are not included in the registration fee and have to be paid by the participants themselves.

Social Programme

• Informal Dinner:

On Monday, the September 21st, an informal dinner will be organized between **19:00 and 22:00** in the **Greek Taverna**, 10 min walk from the faculty. All participants are warmly welcome to enjoy the cosy atmosphere and delicious Mediterranean food at a Greek buffet. The entire restaurant will be reserved for the participants of the IWEP2009. The informal dinner is included in your registration fee.

Griechische Taverne

Kranebitter Allee 144

A-6020 Innsbruck

Telefon: +43-512-29 44 28

<http://www.griechischetaverne.at/index.html>



- **Banquet**

The Banquet is planned on Tuesday, September 22nd, in the Kranebitter Klammstüb'n, a traditional Tyrolean inn which serves savoury Austrian dishes. All participants and their accompanying persons are cordially welcome to join us. There will be a selection between three menus, including a meat, a vegetarian and a fish dish. Please note that the cost of the Banquet is to be paid on top of the registration fee. We kindly ask you to pay it together with your participation fee by bank transfer or upon registration.



Kranebitter Klammstüb'n

Fam. Hutter

Klammstraße 11

6020 Innsbruck

Tel.: +43/512/285592

Fax.: +43/512/285592-5

<http://www.klammstube.at/>

- **Excursion**

On Tuesday, September 22nd, a small trip around Innsbruck will be organized for the participants and their accompanying persons in the afternoon. Our tourist guide will lead you through Innsbruck's and Tyrol's history and show some of the renown sights, including the Imperial Palace ("Hofburg") and presumably the bell-foundry museum. The excursion is not included in your registration fee and has to be paid together with the registration fee per bank transfer or upon registration.



You can find interesting information and wonderful places to visit on Innsbruck's official tourist site (also for finding hotels):

<http://www.innsbruck.info/xxl/lang/en/site/innsbruck/index.html>

Location of banquet and informal dinner

The Greek Tavern is indicated with letter A

The Kranebitter Klammstube with letter K



Payment and Fees

You will find a detailed list of the registration fees and fees for the social programme on your registration form, we have attached to this announcement. Please complete the form and add the total sum of your fees at the bottom of the second page.

This sum has to be transferred on the following bank account:

Hypo-Tirol-Bank

BLZ 57000

Account "Project 94001"

Nr. 21011130470

IBAN: AT 475700021011130470

BIC: HYPTAT22

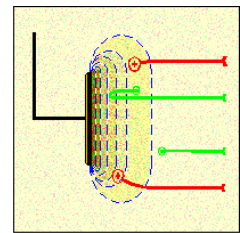
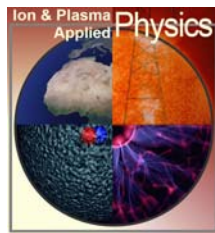
We ask you kindly to transfer the amount as soon as possible. But it will be, of course, also possible to pay upon registration before the commencement of the workshop(s).

Local Organizing Committee

Roman Schrittwieser (Chairman)
Codrina Ionita-Schrittwieser
Alexandra Avram
Christian Maszl
Franz Mehlmann
David Tskhakaya
Johannes Grünwald

E-mail: roman.schrittwieser@uibk.ac.at
E-mail: codrina.ionita@uibk.ac.at
Phone: +43 512 507 6244
FAX: +43 512 507 2932

Innsbruck Experimental Plasma Physics Group (IEPPG)
Institute for Ion Physics and Applied Physics
University of Innsbruck
Technikerstr. 25, A-6020 Innsbruck, Austria
Website: <http://www.uibk.ac.at/ionen-angewandte-physik>



International Workshop “50 Years Plasma Physics in Innsbruck” (IW50YPPI), September 24-25, 2009, Innsbruck, Austria

In the year 1958, Prof. Ferdinand Cap, then head of the Institute for Theoretical Physics of the University of Innsbruck, started to engage himself and his collaborators in theoretical plasma physics. This was the birth date of the Innsbruck Plasma Physics and Fusion Research. Ten years later Prof. Cap also founded the Innsbruck Plasma Physics Laboratory.

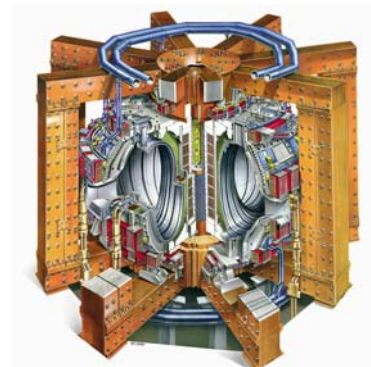
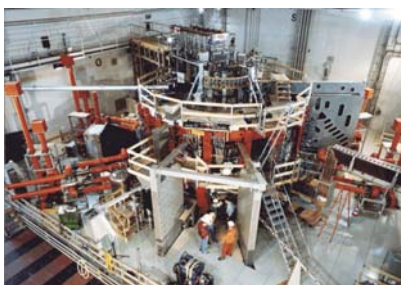
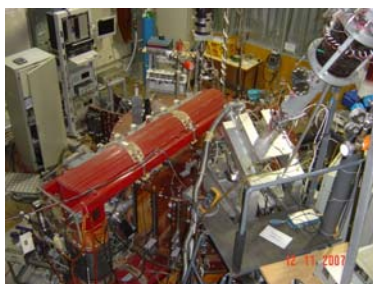
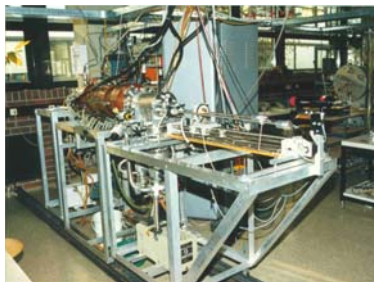
To celebrate this event, on 5th of December 2008 a celebration took place at the University of Innsbruck, where some of you have already taken part.

To further commemorate this event, we plan to devote September 24, that is the day after the IWEF 2009, for a Workshop to which we would like to invite several of our long-term friends and collaborators as speakers, asking them also to compose contributions which should be, if possible, related to the subjects of our collaboration. It is planned to publish these contributions also in a special issue of Contributions to Plasma Physics.

The Workshop as such is of course open to all interested people upon registration, and we will be very happy if as many of you will take part.

Social events such as a dinner and a slide show to refresh old memories will also be organized.

Whereas there will be no fee for the speakers, for registration and the social events € 30 will be requested from other participants and accompanying persons. Please kindly register for the IW50YPPI also on the common registration form for both workshops, also if you wish to participate only in the IW50YPPI, and transfer the corresponding amount to the above-mentioned bank account.



Preliminary list of speakers

Ferdinand Cap
 Milan Čerček
 Victor Ciupina
 Dan-Gheorghe Dimitriu
 Rikizo Hatakeyama
 Mark Koepke (to be confirmed)
 Volker Naulin
 Gheorghe Popa
 Jens Juul Rasmussen
 Padma Shukla
 Reiner Stenzel

University of Innsbruck
 Jožef Stefan Institute, Ljubljana, Slovenia
 Ovidius University, Constanța, Romania
 Alexandru Ioan Cuza University, Iași, Romania
 Tohoku University, Sendai, Japan
 West Virginia University, Morgantown, USA
 Risø - Danish Technical University, Denmark
 Alexandru Ioan Cuza University, Iași, Romania
 Risø - Danish Technical University, Denmark
 Ruhr-Universität Bochum, Germany
 University of California, Los Angeles, USA



Preliminary programme

Time	September 24 th	September 25 th
09:00-09:15	Opening Ceremony	Discussions on existing and possible future collaborations Laboratory tour
09:15-10:45	3 Lectures	
10:45-11:00	Coffee break	
11:00-12:30	3 Lectures	
12:30-14:00	Lunch break	
14:00-16:00	4 Lectures	
16:00-16:15	Coffee break	
16:15-18:15	Slide show (once upon a time)	
18:15-19:00	Guided walk to the Buzihütte	
19:00-???	Dinner party Buzihütte	