

## SECOND ANNOUNCEMENT

### EC 13

## 13<sup>th</sup> Joint Workshop on Electron Cyclotron Emission and Electron Cyclotron Resonance Heating

May 17-20, 2004,  
Nizhny Novgorod, Russia

The EC-13-th Workshop being the next of regularly conducted events is organized by the Institute of Applied Physics (Russian Academy of Sciences, Russia) and will be held in Nizhny Novgorod on May 17-20, 2004.

### International Program Committee

A. Costley (ITER)	B. Lloyd (UK)
A. Litvak (Russia, Chairman)	T. Luce (USA)
E. de la Luna (Spain)	G. Giruzzi (France)
K. Sakamoto (Japan)	H. Zohm (Germany)

### Local Organizing Committee (IAP/Nizhny Novgorod)

E. Suvorov (Chairman)	A. Fraiman
A. Shalashov (Secretary)	O. Mocheneva

### Preliminary list of invited speakers and topics

- G. Denisov "TENDENCIES IN THE DEVELOPMENT OF HIGH-POWER LONG PULSE GYROTRONS"
- W. Kasperek "HIGH POWER CW TRANSMISSION LINES AND LAUNCHERS"
- H. Zohm "CONCEPT OF ECRH/ECCD FOR ITER"
- S. Kubo "RECENT UPGRADE OF ECRH SYSTEM AND RESULTS OF THE HIGH POWER/ LONG PULSE INJECTION IN LHD"
- E. de la Luna "RECENT DEVELOPMENTS OF ECE DIAGNOSTICS AT JET"
- C. Petty "HEATING AND CURRENT-DRIVE BY ELECTRON CYCLOTRON WAVES"
- E. Westerhof "OPEN QUESTIONS IN ELECTRON CYCLOTRON WAVE THEORY"
- V. Shevchenko "PROSPECTS OF EBW EMISSION DIAGNOSTICS AND EBW HEATING IN SPHERICAL TOKAMAKS"
- T. Suzuki "INVESTIGATION OF EC CURRENT DRIVE IN A HIGH ELECTRON TEMPERATURE PLASMA IN JT-60U"

## **Instructions to Authors**

Invited talks: 30 minutes including discussion.  
Oral presentations: 20 minutes including discussion.  
Posters: 1 m height x 2 m width.

The viewgraphs can be shown by an overhead projector or by video-projector. Participants may use personal laptops or a Windows-running PC provided by Organizing Committee. In the latter case, please prepare your presentation in Microsoft Power Point 2000 (or later version) or in pdf format.

The workshop proceedings will be published both as a volume (black & white, 8.5"x6") and as a CD-disk. Maximum paper size is 10 pages for invited presentations and 6 pages for oral presentations and posters. Information about the preferable paper formats will be provided on the conference website.

## **Registration**

The registration fee is 350 euros per participant in case of early payment via bank transfer (should be paid before March 15, 2004) and 400 euros in case of "on-board" payment at the beginning of the meeting. The registration fee covers all the conference services, including publication of the book of abstracts and proceedings, lunches, transportation and the conference dinner. The EC-13 bank account is

Bank: ASSOTSIATSIYA

Address: 61Gorky Street, Nizhny Novgorod 603000, Russia

Beneficiary Customer: Institute of Applied Physics RAS

Address: 46 Ulyanov Str., 603950 Nizhny Novgorod, Russia

Phone: +7(831)23658120, fax: + 7 (8312) 362061

Account Number: 40503978700001000001

Corresponding Bank: Commerzbank AG, Frankfurt/Main, Germany

Account Number: 400886694901 EUR

SWIFT COBADEFF

Payment reference: "Tied up payment for the 13<sup>th</sup> Joint Workshop on Electron Cyclotron Emission and Electron Cyclotron Resonance Heating"

Please, do not forget to note the objective of payment in the payment reference field and make sure that the transfer request shows the name of participant.

## **Passport and visa**

A foreigner traveling to Russia must have a valid passport with expire date not earlier than 6 months after the date of visitor's departure from Russia and an appropriate visa. To get a visa, an official letter of invitation authorized by the Russian Ministry of Foreign Affairs has to be submitted to a Russian Embassy or Consulate either by a visitor or by an inviting institution (IAP RAS). The latter way is preferable for the Local Organizing Committee; in this case we need the information to which Russian Embassy or Consulate (Country and City) the letter of invitation should be sent.

Such a letter will be timely organized for each foreign participant if he or she checks the relevant fields of the Registration Form (preliminary and/or final) and of the Invitation Letter Form, and sends these forms together with a copy of the pages of a passport where all personal data are available to the Local Organizing Committee by February 29, 2004 at the latest. A copy of the

passport pages should be sent preferably by e-mail as attached graphic file (images submitted by fax may have not enough quality, so LOC would recommend to avoid this way).

To ensure that the visa is issued timely, participants are strongly advised to follow these recommendations and to apply for a visa immediately after receiving an original copy of the invitation or confirmation from LOC that letter of invitation is send to particular Russian Embassy or Consulate.

## **Hotel reservation**

Hotel booking will be organized by LOC for all registered participants, who fill the corresponding fields of the Registration Form and send this form to A. Shalashov no later than March 8. No pre-payment is required. Typical prices for hotels situated in the city centre may be found on the conference website.

## **Transportation**

The most convenient and strongly recommend way to reach Nizhny Novgorod is to use the direct Lufthansa connection between Frankfurt/Mein and Nizhny Novgorod. According to Lufthansa timetable of 1 January 2004 the followinf flights are available:

- Frankfurt (FRA) → Nishnij Nowgorod (GOJ). Flight LH3208. Departure 10:40. Arrival 16:45. Tue, Fri, Sun.
- Nishnij Nowgorod (GOJ) → Frankfurt (FRA). Flight LH3209. Departure 13:05. Arrival 14:50. Mon, Wed, Sat.  
(all times are local)

The other preferable way is to use any flight to Moscow from where Nizhny Novgorod can be reached by regular flight, e.g.

- Moscow (Sheremetyevo-1) → Nizhny Novgorod. Flight SU717. Departure 22:35. Arrival 00:05. Every Day.
- Moscow (Sheremetyevo-1) → Nizhny Novgorod. Flight SU715. Departure 16:45. Arrival 18:15. Every Day.

The destination of the most international flights to Moscow is international airport Sheremetyevo-2. The local airport Sheremetyevo-1 can be reached by bus within approximately 30 minutes.

The train connection between Moscow and Nizhny Novgorod is also available. The timetable for direct trains is following:

- Moscow (Kazansky Station) → Nizhny Novgorod. Train 24 Yarmarka. Departure 22:05. Arrival 5:45. Every Day.
- Moscow (Kursky Station) → Nizhny Novgorod. Train 22. Departure 23:40. Arrival 7:33. Every Day.
- Moscow (Kursky Station) → Nizhny Novgorod. Train 40. Departure 14:00. Arrival 20:35. Every Day.
- Moscow (Kursky Station) → Nizhny Novgorod. Train 62. Departure 16:55. Arrival 21:50. Every Day.
- Nizhny Novgorod → Moscow (Kazansky Station). Train 23 Yarmarka. Departure 23:45. Arrival 8:00. Every Day.
- Nizhny Novgorod → Moscow (Kursky Station). Train 21. Departure 22:40. Arrival 6:15. Every Day.
- Nizhny Novgorod → Moscow (Kursky Station). Train 39. Departure 21:45. Arrival 5:20. Every Day.
- Nizhny Novgorod → Moscow (Kursky Station). Train 61. Departure 6:00. Arrival 11:00. Every Day.

Be careful: Nizhny Novgorod is sometimes denoted as “Gorky” in the railway service.

LOC will try to assist participants to reach hotel; so please inform us on your way and date of arrival in Nizhny Novgorod.

## **Deadlines and Key dates**

Early registration: March 15, 2004  
Paper submission: May 17, 2004  
Workshop: May 17-20, 2004

## **Contacts**

Alexander Shalashov (Secretary)  
Institute of Applied Physics, Ulyanov str. 46, 603950 Nizhny Novgorod, Russia  
Phone: +7 (8312) 164966, 160644  
Fax: +7 (8312) 362061  
E-mail: [ec13@appl.sci-nnov.ru](mailto:ec13@appl.sci-nnov.ru)

**Web Site** <http://www.ec13.iapras.ru>