28th
FUSION
FUNCHAL
2001

INSTITUTO
SUPERIOR
TÉCNICO

Centro de Fusão
Nuclear

FIRST ANNOUNCEMENT & CALL FOR PAPERS

28th EPS Conference on Controlled Fusion and Plasma Physics

Funchal, Madeira, Portugal
18 - 22 June 2001

1. Conference Scope

The conference continues the series of the European Physical Society (EPS) conferences on plasma physics and fusion research, this year with emphasis on fusion research. Both theoretical and experimental results should be presented and discussed.

The Board of the Plasma Physics Division of EPS has made efforts to develop the annual conference of the Division to the most important forum for the dissemination of novel results in all areas of plasma physics. For the first time this year a satellite meeting on Fast Ignition of Fusion Targets will be organized, in the form of parallel sessions.

2. Topics

A. Tokamaks
B. Stellarators
C. High Intensity Laser Produced Plasmas and Inertial Confinement
D. Alternative Magnetic Confinement
E. Plasma Edge Physics
F. Plasma Heating and Current Drive
G. Diagnostics
H. Basic Collisionless Plasma Physics
I. Astrophysical and Geophysical Plasmas
J. Low Temperature Plasmas

3. Programme Committee (PC)

D. Campbell	EFDA, Chairman
J. Drake	USA, APS
J. Honrubia	Spain
S. Karttunen	Finland
S. Kuhn	Austria
S. Lebedev	Russia
B. Saoutic	France
T. Todd	United Kingdom
B. Unterberg	Germany
C. Varandas	Portugal, LOC
V. Vershkov	Russia
L. Villard	Switzerland
F. Wagner	Germany, EPS
M. Watkins	EFDA
J. Weiland	Sweden
O. Willi	United Kingdom

4. Organization

The "28th EPS Conference on Controlled Fusion and Plasma Physics" is organized by "Centro de Fusão Nuclear", on behalf of the Contract of Association between the European Atomic Energy Community and "Instituto Superior Técnico", with the collaboration of "Universidade da Madeira".

5. Local Organizing Committee (LOC)

Carlos Varandas, Chairman
Maria Emília Manso, Vice-Chairman
Carlos Silva, Scientific Secretary

Fernando Serra
Maria Fernanda Pinto, Administrative Secretary
M. Benilov

6. Conference Site

The conference will be held in "Madeira Tecnopólo", a modern congress centre located 1.2 km from the center of Funchal.

Transport in the morning and evening between the city center and the conference site will be provided by the LOC.

The congress centre is equipped with coffee shops, snacks and restaurant.

7. Language

The official conference language is English

8. Scientific Programme

The scientific programme will consist of review, topical and tutorial invited lectures as well as of oral presentations and posters of contributed papers.

Table 1 presents the draft scheme of the conference programme. The list of invited talks will be soon available in the Web site of the conference.

9. Call for Papers and Submission of Abstracts

Participants are invited to submit an one-page abstract of their contributed paper. Abstracts can only be submitted electronically in the Web site of the conference. **The abstract should be**

submitted before 16 February 2001. An e-mail per abstract must also be sent to the Scientific Secretary with the following information: title of the paper, topic and name of the presenting author.

The one-page abstract should be written in clear English, in A4 size (21.0×29.5 cm) with a full 2.5 cm margin on all four sides, using 12 pts letter-type for words and one-and-half line spacing. The title (in capitals) as well as the authors and their affiliations must be included on the top of the text.

Evaluation of the submitted papers will be made by the Programme Committee on the basis of the Abstracts. Authors will be notified by e-mail of the result until 31 March 2001. Most of the contributed papers will be presented as posters, only a limited number will be selected by the PC for oral presentation. A book of abstracts of the accepted papers will be printed and distributed to the participants during registration at the conference.

A small number of post-deadline papers may be accepted by the Programme Committee if they include an important new result obtained after the regular deadline. The acceptance will be decided by the PC in Funchal on the 18 June 2001. Post deadline papers should be sent to the Scientific Secretary.

10. Papers and Publications

The contributed papers can only be submitted electronically **before 18 June 2001** in the Web site of the conference. For back-up a camera-ready copy of the 4-page papers must be handed in at the registration desk.

The Conference Proceedings containing the 4-page contributed papers will be published on Compact Disc (CD-ROM) after the conference. Each contributed paper will only be included in the proceedings if the registration fee has been paid.

Papers of the invited lectures will be published in a special issue of Plasma Physics and Controlled Fusion. Copies of the Journal will be distributed to the participants after the conference. These papers should be submitted on the first day of the conference and will be refereed by the Programme Committee.

	Monday		**Tuesday**		**Wednesday**		**Thursday**		**Friday**
9.00	Opening	9.00	Invited	9.00	Invited	9.00	Invited	9.00	Invited
9.30	HA Lecture	9.45	Invited	9.30	Invited	9.45	Invited	9.30	Invited
10.15	Coffee	10.15	Coffee	10.00	Invited	10.15	Coffee	10.00	Coffee
10.35	Invited	10.35	Invited/W	10.30	Coffee	10.35	Invited/W	10.30	Invited
11.20	Invited	11.05	Invited/W	11.20	Oral/Poster	11.05	Invited/W	11.20	Invited
11.50	Invited	11.35	Invited/W		Oral/Poster	11.35	Invited/W		spare
12.20	Lunch	12.05	Lunch	13.00	Lunch	12.05	Lunch	13.00	Lunch
13.45	Oral/Poster/W	13.30	Invited/W	14.00	Tour	13.30	Oral/Poster/W	14.00	Invited
	Oral/Poster/W	14.00	Invited/W				Oral/Poster/W		Invited
16.30	Coffee	14.30	Invited/W			16.30	Coffee		Closing
16.50	Invited/W	15.00	Coffee			16.50	Invited/W		
17.20	Invited/W	15.20	Oral/Poster/W			17.20	Invited/W		
17.50	Invited/W		Oral/Poster/W			17.50	Invited/W		
18.30	Welcome					19.30	Dinner		

Table 1 – Draft scheme of the conference and Workshop on Fast Ignition of Fusion Targets (W) programmes

11. Registration

Table 2 contains the registration fees. A registration fee must be paid for each paper.

The conference fee includes all the conference services, the book of abstracts, proceedings, tickets for public transports, welcome reception, conference tour, coffee and light refreshments during the conference breaks.

The registration fee for accompanying persons includes refreshments during the morning and afternoon breaks of the sessions, admittance to the welcome party and the conference tour.

Registration is done via return-mail of the filled and signed Registration Form to the conference secretariat. Students should also sent a proof of their registration in the University.

The payment of the registration fee could be made in the following ways:

(i) by Bank transfer to:
Banco BPI - BBPIPTPL
NIB: 0010 0000 2429 6710 0018 6
IBAN: PT50 0010 0000 2429 6710 0018 6
free of bank charges to the organizers.

(ii) by credit card

(iii) by cash in Escudos (1 EURO = 200.482 Escudos) at the reception desk.

Type of participant	Paid before April 15th	From April 15th to June 18th	After June 18th
Individual Ordinary Members of EPS	435	465	480
Members of EPS Member Organizations, of Collaborating Societies and of Associate Members	453	485	500
Non-members	470	500	550
Students	100	150	200
Accompanying persons	40	40	40

Table 2 – Registration fees in Euros

12. Satellite Meetings

There will be two satellite meetings:

- Workshop on "Fast Ignition of Fusion Targets" (18-21 June)
- 4th Europhysics Workshop on "Role of Electric Fields in Plasma Confinement and Exhaust" (24 and 25 June)

Detailed information is available in the Web sites of the conference and of these meetings.

13. Transport to Funchal

Funchal has a new airport that can be reached using regular and charter flights from Lisboa and other European cities.

Transport from the airport to the city center may be made by public buses, taxi and by transfer provided by the Travel Agency.

14. Hotel Reservation

Hotel reservations, social activities for accompanying persons, transfers from and to the airport and other services will be organized by **Viagens Abreu S.A., Congress Department**

The Local Organizing Committee has made block reservations in different category hotels in the center of Funchal. Information is available in the Web site of the conference. Since Funchal is a busy tourist attraction city the participants are highly recommended to book the hotel as early as possible.

Hotel reservations is done by returning the filled Hotel Reservation Form and paying the hotel deposit **before 15 April 2001.** Please mark your first and second choice with 1 and 2 on the form and pay the hotel deposit according to your first choice. Reservations will be handled in the order of the receipt of the Hotel Reservations Forms.

15. Social Programme for the Participants

Monday 18th	Welcome reception
Wednesday 20th	Conference tour
Thursday 21st	Conference dinner

16. Cancellation

Notification of cancellation must be sent in writing to the Conference Secretariat. Cancellations received before 15 May 2001 will receive a refund of the fee and other payments. An administration charge of EUR 100 will be subtracted. Cancellations received after 15 May will not be refunded but the Book of Abstracts and the Conference Proceedings will be mailed to the registered person.

Cancellations of hotel reservations before 15 May will receive a full refund of the hotel deposit.

An administrative charge of EUR 10 will be subtracted. Later cancellations will receive no refund of the hotel deposit.

As an alternative to cancellation a registered participant can send a substitute to the conference. Please inform the conference organizers before 1 June 2001.

17. Forms

Forms for

- Registration
- Hotel reservation

are available in the conference Web site.

18. Important Dates

- Deadline for the submission of one-page abstracts:
  16 February 2001
- Meeting of the Programme Committee for paper selection
  16 and 17 March 2001
- Notification of the author about the paper evaluation
  31 March 2001
- Deadline for the early registration and hotel reservation:
  15 April 2001
- Submission of the 4-pages contributions:
  18 June 2001

19. Addresses

- **Scientific Secretary**
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- **Mail Address**
  Maria Fernanda Pinto
  Centro de Fusão Nuclear
  1049-001 Lisboa
  Portugal
- **Web sites**
  - **EPS 2001**
    www.cfn.ist.utl.pt/EPS2001
  - **Fast Ignition of Fusion Targets**
    www.mpq.mpg.de/5th-FI-Workshop
  - **Role of Electric Fields in Plasma Confinement and Exhaust**
    www.ipp.cas.cz
- **Hotel reservation**
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- **Other matters**
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