

Eighth Workshop on Three-Dimensional Modelling of Seismic Waves Generation, Propagation and their Inversion

25 September - 7 October 2006

GUIDELINES FOR REQUESTING PARTICIPATION

GENERAL

- Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the activity.
- Participants must have an adequate working knowledge of English.
- Although the main purpose of the Centre is to help research workers from developing countries, a limited number of students and post-doctoral scientists from developed countries are also welcome to attend.
- There is no registration fee to be paid.

FINANCIAL SUPPORT

- May be requested only by candidates who are nationals of, and working in, a developing country, and who are not more than 45 years old.
 - Limited funds are available for a few participants, to be selected by the Organizers, and who accept to attend the entire activity.
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REQUEST FOR PARTICIPATION

The **Application Form** should be completed and returned before **28 May 2006** to:

Workshop on 3D Modelling of Seismic Waves
smr1775, c/o Ms. G. De Meo
the Abdus Salam International Centre for Theoretical Physics
Strada Costiera 11, 34014 Trieste, Italy.

or

<mailto:smr1775@ictp.it> (please save and send file attachments in RTF format)

SCHOOL SECRETARIAT

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Telefax: +39-040-2240585
E-mail: <mailto:smr1775@ictp.it>
ICTP Home Page: <http://www.ictp.it/>

PROFESSIONAL DATA

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EDUCATION (*higher degrees*)

University or equivalent

Years attended

Degrees

Name and place

From to

EMPLOYMENT

Previous

Institute / Place

Period of duty

Academic Responsibilities

Present employment and duties, and **foreseen** employment upon return to home country after the activity (*if different*):

State any **positions** you hold in the scientific administration of your Institution or any national Scientific Institution:

List your **scientific publications** including books and articles (authors, title, Journal) in the last five years:

Seminars, summer schools, conferences or research attended:

Name and place

Year

Mention briefly your previous research experience, and explain your reasons for wishing to participate in this activity:

PRESENT FIELD OF INTEREST

(please indicate on the list below your **TWO** primary fields of interest, in order of priority).

10. PHYSICS OF CONDENSED MATTER

- 11. Solid State Physics
- 12. Atomic and Molecular Physics
- 13. Materials Science
- 14. Surfaces and Interfaces
- 15. Statistical Physics
- 16. Computational Physics in Condensed Matter

20. PHYSICS OF HIGH AND INTERMEDIATE ENERGIES

- 21. High Energy and Particle Physics
- 22. Relativity, Cosmology and Astrophysics
- 23. Plasma Physics
- 24. Nuclear Physics

30. MATHEMATICS

- 31. Applicable Mathematics, including:
Mathematical Ecology,
Systems Analysis
Mathematical Economy
Mathematics in Industry
- 33. Algebra
- 34. Geometry
- 35. Topology
- 36. Differential Equations
- 37. Analysis
- 38. Mathematical Physics

40. PHYSICS AND ENERGY

- 41. Physics of Nuclear Reactors
- 42. Physics of Controlled Fusion
- 43. Non-Conventional Energy
Solar, Wind & others)
- 44. Nuclear Energy related technologies

B1. SPACE PHYSICS

50. PHYSICS AND ENVIRONMENT

- 51. Solid Earth Geophysics
- 52. Soil Physics
- 53. Climatology and Meteorology
- 54. Physics of the Oceans
- 55. Physics of Desertification
- 56. Physics of the Atmosphere, Troposphere,
Magnetosphere, Aeronomy
- 57. Environmental Monitoring and Remote Sensing

60. PHYSICS TEACHING

- 61. English
- 62. French
- 63. Spanish
- 64. Arabic

80. MISCELLANEOUS

- 81. Others
- 82. Digital Communications & Computer Networking
- 83. Quantum Computation, and related

90. PHYSICS OF THE LIVING STATE

- 91. Neurophysics
- 92. Biophysics
- 93. Medical Physics

AO. APPLIED PHYSICS

- A1. Physics in Industry
- A2. Microelectronics
- A3. Fibre Optics for Communications
- A4. Instrumentation
- A5. Synchrotron Radiation
- A6. Non-destructive Evaluation
- A7. Lasers

NB: *Our Scientific Information System keeps track of all applications made by the candidate to earlier ICTP activities. As a consequence, when the subject of the present activity is far from your previous applications, an explanation (not more than 200 words) of your change of interest should be included.*

Kindly supply a keyword description of your current scientific activities, as follows (*strictly within indicated lengths*) :

1) **Area of research:**

(no more than 50 characters)

2) **Specific topic of interest:**

(no more than 50 characters)

Are you applying to any other 2006 ICTP activities? If yes, which?

Yes

No

Indicate below your proficiency in the English language:

Reading: Good
Average
Poor

Writing: Good
Average
Poor

Speaking: Good
Average
Poor

For junior scientists: It would be of assistance to the Selection Committee if this request for participation were accompanied by a letter of recommendation from your Supervisor.

Name: _____

REQUEST for FINANCIAL ASSISTANCE

APPLICABLE ONLY TO CANDIDATES WHO ARE NATIONALS OF, AND WORKING IN, A DEVELOPING COUNTRY, AND WHO ARE NOT MORE THAN 45 YEARS OLD.

(Important: Owing to limited funds, support for travel will be granted only in exceptional cases. Therefore, every effort should be made by applicants to secure support for their fare (or at least a partial contribution) from their home country).

(Please tick ONE box only)

Full Travel + Subsistence

Subsistence only

Half Travel + Subsistence

No financial support requested

I certify that if granted funds for my travel, I shall attend the whole activity

.....
Signature

I certify that the statements made by me above are true and complete. If accepted, I undertake to refrain from engaging in any political or other activities which would reflect unfavourably on the international status of the ICTP. I understand that any breach of this undertaking may result in the termination of the arrangements relating to my visit at the Centre.

Signature of applicant

Date

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Supplementary Information
(to be attached to the "Request for Participation" form)

The information requested here is not a determining factor in selecting participants, but will help us to organize the computer exercises. The ICTP computing facilities include a Main CONVEX C-210 system, a few SUN 386i workstations and many IBM compatible PCs. The computer exercises during the Workshop will be given on IBM compatible PCs.

- What kind of computer are you currently using (including PCs)?

- For which purpose (research, data management, writing...)?

- What kind of programming language?

- Is your programming ability:

excellent good sufficient insufficient

- Can you present any software of particular interest to this course (if "yes" please specify)?

- What kind of floppy-disk drives for IBM compatible PCs are available at your Institution?

5 1/4 HD 1.2M 5 1/4 DD 360K 3 1/2 HD 1.4M 3 1/2 DD 720K

- Comments/proposals/suggestions:

Communications by Participants.

- Would you like to present papers/communications?

Yes please specify title(s) No

- Would you like to present a poster/s? Yes please specify title(s) No