

ICTP – [The Abdus Salam International Centre for Theoretical Physics](#), Trieste, Italy

smr1317/Announcement

The Abdus Salam International Centre for Theoretical Physics (ICTP), in collaboration with the International School for Advanced Studies (SISSA), the Italian Institute for Nuclear Physics (INFN) and the Asia Pacific Centre for Theoretical Physics (APCTP), will hold a

SUMMER SCHOOL ON PARTICLE PHYSICS

18 June - 6 July 2001

Miramare, Trieste, Italy

ORGANIZERS:

A. MASIERO (SISSA), S. OH (APCTP), G. SENJANOVIC (ICTP),
A. SMIRNOV (ICTP), G. THOMPSON (ICTP)

ADVISORY COMMITTEE:

R. BARBIERI (Pisa), N. CABIBBO (ENEA), B.K. CHUNG (APCTP),
G. DVALI (NYU), J. ELLIS (CERN), C. JARLSKOG (Lund), L. MAIANI (CERN),
J.C. PATI (Maryland), V. RUBAKOV (Moscow), M. TURNER (Chicago)

TOPICS:

- STATUS OF THE STANDARD MODEL AND HIGGS PHYSICS
- QCD AND QUARK-GLUON PLASMA
- CP VIOLATION AND B PHYSICS
- FERMION MASSES AND THE FLAVOUR PROBLEM
- NEUTRINO PHYSICS
- PHENOMENOLOGY OF SUPERSYMMETRY
- UNIFICATION OF PARTICLES AND FORCES
- ASPECTS OF ASTROPARTICLE PHYSICS
- PHYSICS OF EXTRA DIMENSIONS

Scientists and students from all countries that are members of the United Nations, UNESCO or IAEA may attend the School. As it will be conducted in English, participants should have an adequate working knowledge of this language. Although the main purpose of the Centre is to help research workers from developing countries through a programme of training activities within a framework of international cooperation, students and post-doctoral scientists from developed countries are also welcome to attend.

As a rule, travel and subsistence expenses of the participants should be borne by the home institutions. However, funds are available for some participants from developing countries. There is no registration fee for attending the School.

The "Request for Participation" form, to be found at the back of Bulletin No. 1, (also available via e-mail: smr1317@ictp.trieste.it, using as Subject: get announcement, or via WWW server: <http://www.ictp.trieste.it/~highener/>), should be completed, signed and posted to:

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For women only
(if applicable)

IMPORTANT: PLEASE ALSO COMPLETE THIS SECTION, IF YOUR NAME(S) IN YOUR PASSPORT ARE SPELT DIFFERENTLY FROM THE ABOVE.

SURNAME/FAMILY Name: MAIDEN Name: First name: Middle name(s):
For women only
(if applicable)

Place of birth (City and Country): Present nationality: Date of birth:
Year - Month - Day

Full address of permanent Institution: Institute: Tel. No.
Telex/Cable
Telefax
Your Office: Tel. No.
Telefax
E-mail: *

Full address of present Institution (if different from permanent):
Institute: Tel. No.
Telex/Cable
Telefax
Your Office: Tel. No.
Telefax:
until: Date E-mail: *

Home address: Tel. No.

Mailing address - please indicate whether:
Permanent() Present() Home()

Name and address of person to notify in case of emergency -
Relationship: Tel. No.

* I agree that my e-mail address(es) may be made public on the ICTP WWW page:

YES () NO ()

EDUCATION (higher degrees)
University or equivalent Years attended Degrees
Name and place From to

It would be of assistance to the Selection Committee if this request for participation were accompanied by a letter of recommendation, especially for junior physicists.

IF YOU ARE A PH.D STUDENT, NAME OF YOUR ADVISOR:
PLEASE REQUEST HIM/HER TO PROVIDE A RECOMMENDATION LETTER ON YOUR BEHALF.

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

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

1) Area of research: (e.g. H.E. PHYSICS)

(no more than 15 characters)

2) Specific topic of interest: (e.g. NEUTRINO PHYSICS, INFLATION)

(no more than 30 characters)

Seminars, summer schools, conferences or research

Name and place

Year

Have you participated in past ICTP activities? If yes, which?

Yes () No ()

Are you applying to any other 2001 ICTP activities? If yes, which?

Yes () No ()

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.

PRESENT FIELD OF INTEREST (please indicate on the list below your TWO primary fields of interest, in order of priority, 1 and 2.

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- 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 and others)

- 50. PHYSICS OF THE 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. Arab

- 80. MISCELLANEOUS
 - 81. Others
 - 82. Digital Communications and Computer Networking

- 90. PHYSICS OF THE LIVING STATE
 - 91. Neurophysics
 - 92. Biophysics
 - 93. Medical Physics

- A0. APPLIED PHYSICS
 - A1. Physics in Industry
 - A2. Microelectronics
 - A3. Fibre Optics for Communications
 - A4. Instrumentation
 - A5. Synchrotron Radiation
 - A6. Non-destructive Evaluation
 - A7. Lasers
 - AA. Applied superconductivity

- B1. SPACE PHYSICS

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SCIENTIFIC EMPLOYMENT AND ACADEMIC RESPONSIBILITY

Research Institution or University Name and place	Period of duty From to	Academic responsibilities
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Kindly state any positions you hold in the scientific administration of your Institution or any of the national scientific Institutions.

Present employment and duties, and foreseen employment upon return to home country after the activity:

Indicate below your proficiency in the English language

Reading: Good	()	Writing: Good	()	Speaking: Good	()
Average	()	Average	()	Average	()
Poor	()	Poor	()	Poor	()

APPLICABLE ONLY FOR CANDIDATES FROM DEVELOPING COUNTRIES (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).

Request for Financial Assistance: (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

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the termination of the arrangements relating to my visit at the Centre.

Signature of applicant

Date

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