

THE ABDUS SALAM INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS

Strada Costiera 11  
I-34014 Trieste  
Italy

Telephone: +39-040-2240111  
Telex: 460392 ICTP I  
Telefax: +39-040-224163

REQUEST FOR PARTICIPATION

**School on Vanishing Theorems and Effective Results in Algebraic Geometry**

**25 April - 12 May 2000**

e-mail: SMR1222@ictp.trieste.it

INSTRUCTIONS

Each question must be answered clearly and completely. Type or print in ink.  
If more space is required, attach additional pages. This form should be forwarded to:  
The Abdus Salam International Centre for Theoretical Physics, School on Vanishing  
Theorems and Effective Results in Algebraic Geometry (c/o Ms. A. Bergamo),  
Strada Costiera 11, I-34014, Trieste, Italy, **to arrive no later than 10 January 2000.**

A recent photograph of  
the candidate should  
be attached here, signed  
legibly on the reverse.

**Graduate and doctoral students should include two letters of recommendation.**

**NOTE:** This request will be processed only if the permanent address (and present address, if different) is clearly indicated.  
The ICTP cannot process any visa request, unless all requested personal data are provided.

PERSONAL DATA

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

**IMPORTANT: PLEASE ALSO COMPLETE THIS SECTION, IF YOUR NAMES 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.

(\* ) My e-mail address(es) may be made public on the ICTP WWW page: YES  NO

---

EDUCATION (higher degrees)

University or equivalent

Name and place

Years attended

From

to

Degrees

---

Seminars, summer schools, conferences or research

Name and place

Year

---

SCIENTIFIC EMPLOYMENT AND ACADEMIC RESPONSIBILITY

Research Institution or University

Name and place

Period of duty

From

to

Academic

responsibilities

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

---

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

Yes

No

Are you applying to any other 2000 ICTP activities? If yes, which?

Yes

No

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

**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.

**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)

**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

**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
- AA. Applied Superconductivity

**B1. SPACE PHYSICS**

---

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

1) Area of research: (e.g. ALG. GEOM.)

---

(no more than 15 characters)

2) Specific topic of interest: (e.g. VANISHING THEOREMS)

---

(no more than 30 characters)

List your **scientific publications** including books and articles (authors, title, Journal) in the period 1992-1999:

Kindly state any positions you hold in the scientific administration of your Institution or any of the national scientific Institutions.

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,

Indicate below your proficiency in the English language

Reading:	Good	<input type="checkbox"/>	Writing:	Good	<input type="checkbox"/>	Speaking:	Good	<input type="checkbox"/>
	Average	<input type="checkbox"/>		Average	<input type="checkbox"/>		Average	<input type="checkbox"/>
	Poor	<input type="checkbox"/>		Poor	<input type="checkbox"/>		Poor	<input type="checkbox"/>

**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)**

- |  |   |
|--|---|
| <input type="checkbox"/> Full Travel + Subsistence | <input type="checkbox"/> Subsistence only               |
| <input type="checkbox"/> Half Travel + Subsistence | <input type="checkbox"/> No financial support requested |

**I certify that if granted funds by ICTP 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

**TO BE COMPLETED ONLY BY ELIGIBLE YOUNG RESEARCHERS IN EUROPE  
WISHING TO APPLY FOR A EUROPEAN COMMISSION GRANT**

Do you or your research group hold a grant from which participation in the event could be funded?

Yes

No

Have you applied for a grant for this purpose from any other body?

Yes

No

If yes, what was the outcome of your application?

.....

**I wish to apply for a European Commission grant to attend the event. I am requesting support for:**

**(Please tick ONE box only)**

- Half Travel + Subsistence

- Full Travel + Subsistence

- Subsistence only

If requesting support for travel expenses, please also provide the information requested below.

Estimated costs of travel to Trieste (using the most economical air or second class rail fare):

From	To	Means of Transport	Return/Single	Cost

I declare the above statements to be truthful and sincere. I do not expect to be funded for participation in the event from other sources except as specified above, and that if awarded a grant by the organizers of the event, I will not cover any expenses from more than one funding source.

Signed: ..... Date: .....

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