

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

smr1314/Announcement

WORKSHOP ON

TECHNOLOGIES FOR DESALINATION

23 - 27 April 2001

followed by

WORKSHOP ON

DESALINATION ECONOMIC EVALUATION

30 April - 4 May 2001

Miramare - Trieste, Italy

The International Atomic Energy Agency [IAEA, Vienna - Austria], in co-operation with the Abdus Salam International Centre for Theoretical Physics (ICTP, Trieste - Italy) and the Kuwait Foundation for the Advancement of Sciences (KFAS, Safat - State of Kuwait), is organising two consecutive workshops on: "Technologies for Desalination" and "Desalination Economic Evaluation", to be held at the ICTP in Trieste from 23 April to 4 May 2001. Both Workshops will be directed by Peter J. Gowin (IAEA, Vienna).

The Workshops represent a unique forum, worldwide, where scientists and engineers can get extensive and up-to-date information on the whole 'know-how' behind the economic assessment and evaluation of nuclear desalination. The scope and format of the Workshops follow a successful pattern established in previous workshops taught in various Member States of the IAEA.

The objective of the Workshops is to train scientists and engineers from both developing and developed countries in desalination technology for nuclear desalination plants (Workshop 1) and in economic evaluation methods for nuclear desalination, in particular, in the use of the IAEA software Desalination Economic Evaluation Program [DEEP] (Workshop 2).

The participants will be familiarized with the fundamentals of seawater desalination technologies, including practical examples, that

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are suitable for the coupling to nuclear plants, and with the application and use of DEEP to assess various generic nuclear desalination projects. Participants at the Workshop on DEEP will receive a copy of the software. (Note: a license agreement with the IAEA needs to be established for the use of DEEP).

WORKSHOP 1: Desalination technology, coupling technology, Desalination operating experience, Desalination technology trends.

WORKSHOP 2: Theoretical lectures, classroom work (PC based), comparative study on nuclear desalination using the IAEA software DEEP.

Scientists and engineers from all countries that are members of the UN, UNESCO or IAEA may attend the Workshops. They should hold a university degree in nuclear physics, nuclear engineering, or related subjects and preferably have several years of professional experience in one of the main topics of the Workshop (nuclear energy, nuclear desalination, water supply planning). As this activity will be conducted in English, participants should have an adequate working knowledge of the language. For the Workshop on Desalination Economic Evaluation, a good knowledge of Microsoft Excel is essential.

The main purpose of the Centre is to help scientists from developing countries; however, graduate students and post-doctoral scientists from developed countries should also benefit from attending the Workshops and are encouraged to apply for participation.

As a rule, travel and subsistence expenses of the participants should be covered by the home institutions. However, very limited funds are available for some scientists from developing countries who will be selected by the organizers. Scarcity of funds allows travel to be granted only in a few exceptional cases. Therefore, every effort should be made by candidates to secure support for their fare (or at least half-fare) from their home country. It is stressed that participants whose travel expenses are paid by ICTP are required to attend the entire course. The closing date for receipt of requests for participation is 8 December 2000. There is no registration fee for attending the Workshops. Both workshops are held as independent units; it is, however, recommended that participants at Workshop 2 also attend Workshop 1.

Information on the Workshops can be found on the Web server of the ICTP, and the IAEA Nuclear Data Service:

<http://www.ictp.trieste.it/>

<http://www.iaea.org>

Applicants should complete and sign the "Request for Participation" form, obtainable via e-mail smr1314@ictp.trieste.it and/or

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smr1315@ictp.trieste.it

and by using as subject line "get Announcement", (or via the ICTP Web server) and post it to:

the Abdus Salam International Centre for Theoretical Physics

Workshops on Desalination

(c/o Ms. E. Brancaccio)

Strada Costiera 11

I-34014 Trieste

Italy

Telephone: +39-040-2240284

E-mail: SMR1314@ictp.trieste.it

Telefax: +39-040-224163

E-mail: SMR1315@ictp.trieste.it

Telex: 460392 ICTP I

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UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION

and

INTERNATIONAL ATOMIC ENERGY AGENCY

the ABDUS SALAM INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS

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REQUEST FOR PARTICIPATION

WORKSHOP ON TECHNOLOGIES FOR DESALINATION

and

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WORKSHOP ON DESALINATION ECONOMIC EVALUATION

23 April - 4 May 2001

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, WORKSHOPS ON DESALINATION (c/o Ms. E. Brancaccio), Strada Costiera 11, I-34014, Trieste, Italy, to arrive no later than 8 December 2000.

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

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.

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P E R S O N A L D A T A

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SURNAME/FAMILY Name: MAIDEN Name: First name: Middle name(s):

For women only

(if applicable)

Sex:

IMPORTANT: PLEASE ALSO COMPLETE THIS SECTION, IF YOUR NAME(S) IN YOUR

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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 name/address of permanent Institution:

Institute: Tel. No.

 Telex/Cable

 Telefax

Your Office: Tel. No. _____
 Telefax _____
 E-mail*: _____

Full name/address of present Institution

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(if different from permanent):
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Institute: Tel. No.
 Telex/Cable
 Telefax

Your Office: Tel. No. _____

 Telefax: _____

 E-mail*: _____

until: Date

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 Degrees	Years attended
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Name and place	From	to
----------------	------	----

Seminars, summer schools, conferences or research

Name and place	Year
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SCIENTIFIC EMPLOYMENT AND ACADEMIC RESPONSIBILITY

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Research Institution or University	Period of duty	Academic
Name and place responsibilities	From to	

Present employment and duties, and forseen employment upon return to home

country after the activity:

Have you participated in past ICTP activities: Yes ___ No

If yes, which?

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 his/her previous applications,

an explanation (not more than 200 words) of his/her change of interest should be included.

Present field of interest:

(please indicate on the list below - up to 5 fields - underlining primary field)

10.PHYSICS OF CONDENSED MATTER	60.PHYSICS TEACHING
11.Solid State Physics	61.English
12.Atomic and Molecular Physics	62.French
13.Materials Science	63.Spanish
14.Surfaces and Interfaces	64.Arab
15.Statistical Physics	
16.Computational Physics in Condensed Matter	80.MISCELLANEOUS
	81.Others
20.PHYSICS OF HIGH AND INTERMEDIATE ENERGIES	82.Digital Communications and Computer Networking
21.High Energy and Particle Physics	
22.Relativity, Cosmology and Astrophysics STATE	90.PHYSICS OF THE LIVING
23.Plasma Physics	
24.Nuclear Physics	91.Neurophysics
	92.Biophysics
	93.Medical Physics
30.MATHEMATICS	
31.Applicable Mathematics including: Mathematical Ecology System Analysis Mathematical Economy, Mathematics in Industry	AO.APPLIED PHYSICS
	A1.Physics in Industry
	A2.Microelectronics
	A3.Fibre Optics for Communications
33.Algebra	A4.Instrumentation
34.Geometry	A5.Synchrotron Radiation
35.Topology	A6.Non-destructive Evaluation

36.Differential Equations

A7.Lasers

37.Analysis

AA.Applied Superconductivity

38.Mathematical Physics

40.PHYSICS AND ENERGY

B1.SPACE PHYSICS

41.Physics of Nuclear Reactors

42.Physics of Controlled Fusion

43.Non-Conventional Energy (Solar,
Wind and 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

Kindly supply a keyword description of your current scientific activities,

as follows (strictly within indicated lengths):

1) Area of research:

(no more than 15 characters)

2) Specific topic of interest:

(no more than 30 characters)

List your recent scientific publications including books and articles
(authors, title, Journal) in the period 1996-2000:

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

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

Indicate below your proficiency in the English language

Reading:Good	___	Writing:Good	___	Speaking:Good	___
Average	___	Average	___	Average	___
Poor	___	Poor	___	Poor	___

I should like to attend:

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Workshop on Technologies for Desalination ___

Workshop on Desalination Economic Evaluation ___ Both ___

APPLICABLE ONLY FOR CANDIDATES FROM DEVELOPING COUNTRIES (Important:

Please note that very few travel grants are available, and preference in

selecting participants will be given to eligible candidates who can guarantee travel

coverage by own local sources).

Please tick as appropriate:

- I can definitely find complete travel funds from local sources

or

- I can definitely find half my travel funds from local sources

- I am requesting financial support from the ICTP for:

___ - Half travel ___ - Full travel ___ - Living allowance

I am NOT requesting financial support from the ICTP ___

I certify that if granted funds for my travel


I will 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 Centre. I understand that any breach of this undertaking may result in the termination of the arrangements relating to my visit at the Centre.

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