Registration Form

Short Course on
Severe Accident Phenomenology
Pisa, Italy - January 10-14, 2011

NAME (FIRST, LAST):

AFFILIATION:

DEPARTMENT:

ADDRESS:

PHONE (including country and area codes):

FAX:

E-MAIL:

Your background:
☐ Student:
☐ MSc ☐ Engineer ☐ PhD ☐ Post doc

☐ University professor ☐ Safety regulator
☐ Electrical Utility ☐ Industry
☐ National R&D lab ☐ TSO
☐ Others:

Please send the registration fee (cheque payable to CEA) together with the registration form to:

Pascal PILUSO
CEA Cadarache

hosted by:
Facoltà di Ingegneria - Pisa

Course Coordinators:

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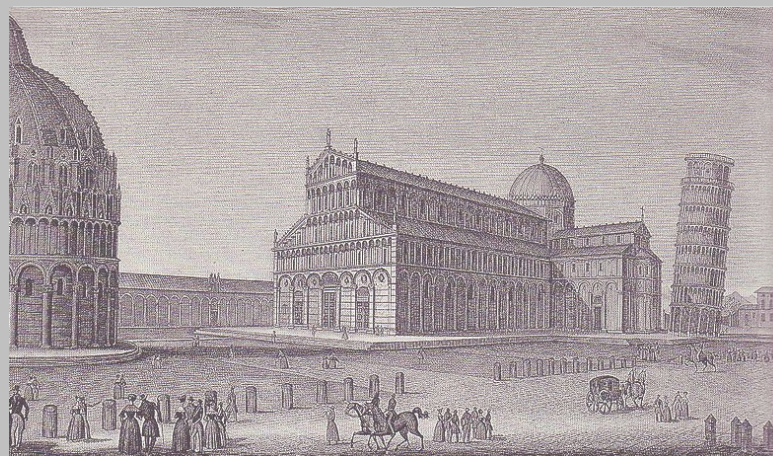
Short Course on

Severe Accident Phenomenology

Pisa, Italy
January 10th-14th, 2011

Jointly organized by:
CEA
Università di Pisa



Short Course on Severe Accident Phenomenology

January 10th – 14th, 2011
Engineering Faculty - Pisa (I)

The Severe Accident (SA) Research Network of excellence **SARNET-2** is sponsoring a new one-week Course entitled "**Severe Accident Phenomenology**". This course is a part of the Excellence Spreading activities of SARNET-2 and it will focus on disseminating the knowledge gained on SA in the last two decades to Master-PhD students, young engineers and researchers. The SARNET-2 project is co-funded by the EURATOM research program in the 7th Framework Programme of the European Commission.

The Course will be organized by CEA and UNIPI and will be hosted by Engineering Faculty of Pisa University.

This short Course is a sequel to the previous three SARNET SA Courses. The program will cover SA phenomenology & progression in current water-cooled Gen. II Nuclear Power Plants (NPP), but also the different design solutions in new Gen. III Plants. The purpose will be to describe Gen. III designs addressing SA (i.e., the "in-vessel" melt retention concept or the "ex-vessel" core catcher concept).

Lectures will be given by international experts from major Nuclear Institutes, Industries and Universities working on the topic. Lecturers from industry will be able to describe how the different plants would react during a SA, keeping in mind that an introductory short course would not allow lengthy discussions or computer simulations. Moreover, the integral codes, in priority ASTEC (but also MELCOR) will constitute a vehicle for applications, thus involving the code developers.

The Course will also describe applications of the codes to estimate consequences for the various SA scenarios. It will also include background lectures on NPP safety, SA scenarios and the events leading, respectively, to the early and late failure of containment.

It will be open to University students (**discount fee**). The course can contribute for 3 ECTS (with a written work) as an advanced course for Master students (through the European Nuclear Education Network **ENEN**). A limited number of tuition grants for students/young researchers may be available for attendants from Central and Eastern European Countries. Application deadline: 30/10/2010.

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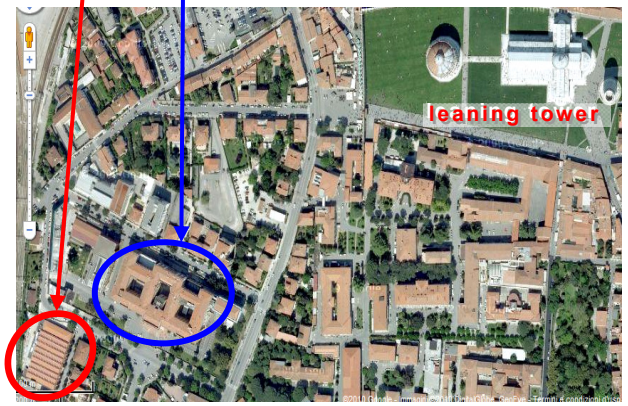
Organizing Committee:
Pascal Piluso (CEA)
Sandro Paci (UNIPI)
Christophe Journeau (CEA)

Steering Committee:
Jean-Pierre Van Dorsselaere (IRSN)
Roland Zeyen (JRC)
Joseph Safieh (ENEN)
Giuseppe Forasassi (CIRTEN)
Raj Sehgal (KTH)
Ari Auvinen (VTT)
Christophe Journeau (CEA)
Ivo Kljenak (JSI)
Sandro Paci (UNIPI)
Pascal Piluso (CEA)
Walter Tromm (KIT)

Local Organizers:
Sandro Paci (UNIPI)
Davide Mazzini (ACTA)

LOCATION: Pisa – Italy

Facoltà di Ingegneria, Università di Pisa
Polo F (didactic building F)
via Diotisalvi, 2 - 56126 Pisa (I)



Registration Fees

	Before 01/10/2010	After 01/10/2010
General	€ 900.	€ 1,200.
Students	€ 300.	€ 400.

(Plus VAT, if applicable)

It includes the attendance at the course lectures and a copy of the course material (CD-ROM). It also covers coffee breaks, lunches and the social dinner.

Accommodation and travel expenses are not included.

WEBSITE: http://www.sar-net.eu

LANGUAGE: English

ACCOMMODATION: A list of hotels not far from the course location will be available on the Course website. Participants will make directly their own hotel reservations.