

Seismic safety of Nuclear Power Plants is a key subject deserving particular consideration in the use of nuclear energy. Moreover this issue is a major concern in public opinion especially in countries with a moderate to high seismicity and it has significant impact on the development of nuclear energy programs.

Substantial attention needs to be paid to the seismic safety of NPP while developing a nuclear program.

In this perspective an International Technical Meeting on the "Seismic Safety of NPPs" is organized with the main objective to exchange views and discuss main topics of seismic safety of NPP using international in-progress studies and research activity, lessons learned from experience, current design and regulatory practices.

The International Technical Meeting is organized by:



**ITER-Consult**  
Via A. Poliziano, 51  
00184 - Roma



**ENEA**  
Lungotevere Thaon di Revel, 76  
Via Giulio Romano, 41  
00196 - Roma



**CIRTEN**  
c/o DIMNP – Univ. di Pisa  
Via Diotalvi, 2  
56126 - Pisa



FACOLTÀ DI INGEGNERIA  
**SAPIENZA**  
UNIVERSITÀ DI ROMA

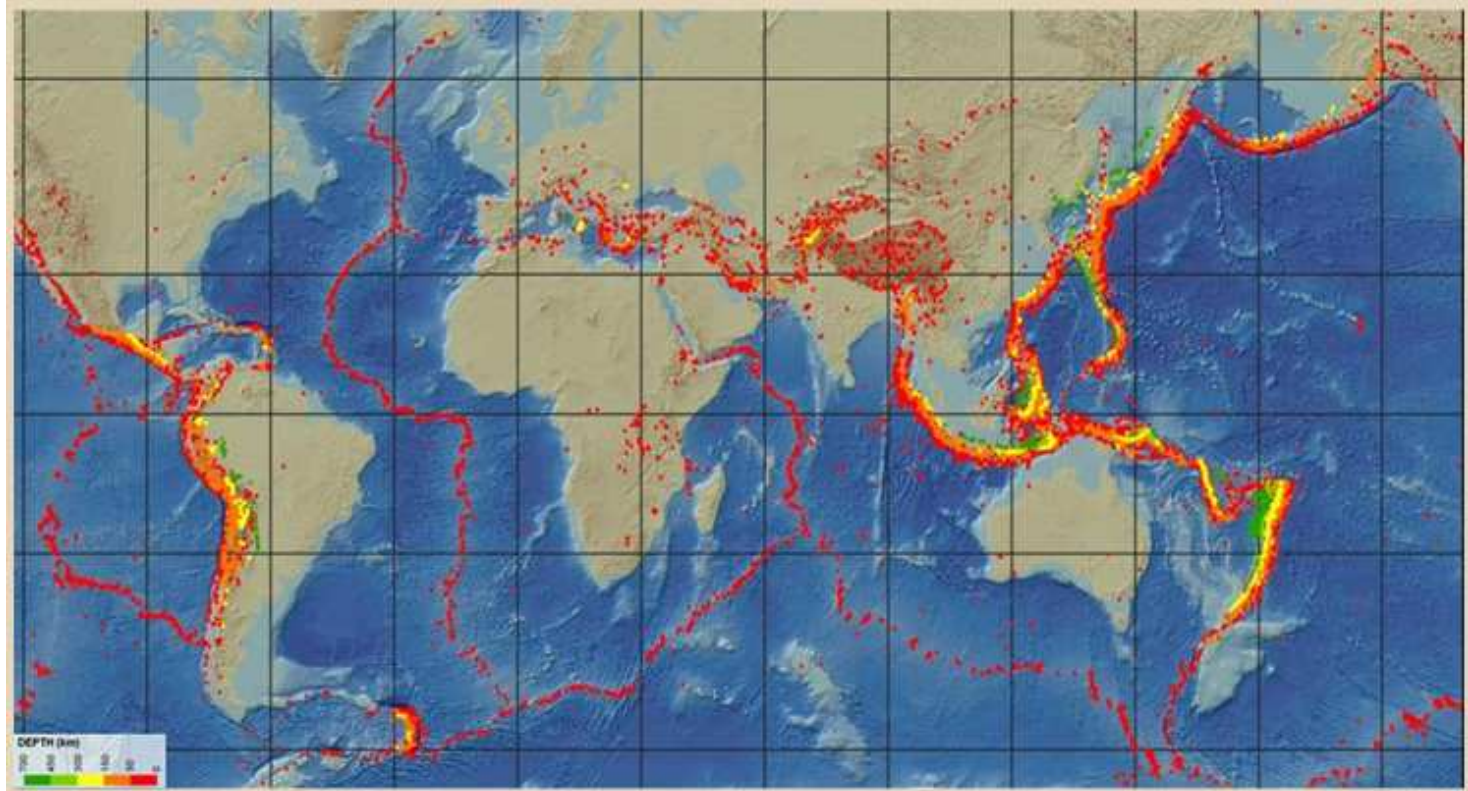
**"La Sapienza"**  
Facoltà di Ingegneria  
Via Eudossiana, 18  
00184 - Roma



**Hotel Torre S. Angelo  
Tivoli, Italy**

**International Technical Meeting  
on  
Seismic Safety of NPPs**

**March 25 – 26, 2010**



# International Technical Meeting on Seismic Safety of NPPs

## PROGRAM

### March 25 , 2010

16.00 Registration  
19.00 Reception  
20.00 Dinner

### March 26 , 2010

09.15 – 09.30 Opening (ITER, ENEA, ...)

#### 1<sup>st</sup> session

09.30 – 09.55 Seismic hazard and Site-response analyses (ITER)  
09.55 – 10.20 ISSC and Agency Role and services (IAEA)  
10.20 – 10.45 ITER - IAEA Cooperation on seismic safety issue of NPP (ITER)  
10.45 – 11.00 Questions  
11.00 – 11.30 Coffee Break

#### 2<sup>nd</sup> session

11.30 – 11.55 Design requirements for seismic safety of NPP ("La Sapienza")  
11.55 – 12.20 Seismic Design of AP-1000 (Ansaldo)  
12.20 – 12.45 Seismic Design of EPR (Areva)  
12.45 – 13.10 Seismic Isolation of advanced NPP: state of the art & most recent designs IRIS, ESFR - (ENEA)  
13.10 – 13.30 Questions  
13.30 – 14.30 Lunch

#### 3<sup>rd</sup> session

14.30 – 15.10 Seismic safety requirements for NPP and experience feedback in Japan (JNES)  
15.10 – 15.35 National Regulatory framework for seismic safety of NPP (ISPRA)  
15.35 – 16.00 Expert review of seismic safety design of NPP (IRSN)  
16.00 – 16.15 Questions  
16.15 – 16.45 Coffee Break

#### Final Panel

16.45 – 17.45 (IAEA, CIRTEN, IRSN, ENEA, Ansaldo, Areva, ENEL, "La Sapienza", ITER, ...)  
17.45 Meeting Closure

#### Organizing Committee:

A. Madonna (Chairman), G. Forasassi (CIRTEN), A. Godoy (IAEA), G. Orsini (ITER-Consult), A. Renieri (ENEA), R. Romeo (ITER-Consult), F. Vestroni ("La Sapienza")

#### PLACE:

Hotel Torre S. Angelo  
Via Quintilio Varo, snc  
Tivoli (RM) – Italy  
Tel. 0774 332533

#### SCHEDULE:

March 25 – 26, 2010

#### REGISTRATION DEADLINE:

March 22, 2010  
No fees for registration

**WEBSITE:** [www.iter-consult.eu](http://www.iter-consult.eu)

#### ACCOMMODATION:

Central hotels in the town of Tivoli are available on the Website.

#### INFORMATION – REGISTRATION

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