

Einladung zum IKET-Kolloquium

- Zeit: Dienstag, 3. Dezember 2013, 15.00 Uhr
- Ort: Kolloquiumsraum des IKET, Campus Nord, Bau 419, Raum 104
- Referent: Prof. Marco E. Ricotti, Politecnico di Milano, Department of Energy, CeSNEF-Nuclear Engineering Division, Milano, Italy
- Titel: Small-medium Modular Reactors (SMRs): a fashion or a smart solution?

Zusammenfassung:

In the recent years, several projects of new reactors have been launched in several countries, having the common features of a reduced size (i.e. below 700MWe, most of them below 300MWe), a modular deployment strategy (multi-units in the same site) or/and a modular construction process.

But are they a really new concept, or just a re-emerging wave? Do they offer better solutions with respect to Large Size Reactors? The seminar will try to respond to these questions.

Since the beginning the IAEA has supported the dissemination of information related to such a new reactor concepts, especially for some new comer countries interested in SMRs, due to their less demanding financial burden and to the constraints often offered by the grid in those countries.

Serious efforts in developing the SMR technology are currently underway in US, Russia, South Korea and China. Will EU industries and research centers be absent from this stage?

A general overview of these projects will be presented, with a focus on the innovative characteristics offered by some of them.

Economics and financial features will be duly analysed.

gez. T. Schulenberg

Alle auswärtigen Besucher des Kolloquiums werden gebeten, ihren gültigen Personalausweis oder Reisepass mitzubringen.