



The ETSON SUMMER WORKSHOP

The Summer Workshop is a combination of lectures and interactive elements, such as group work. Apart from imparting knowledge, the objective of the Summer Workshop is to give participants the opportunity to get to know each other and the respective organisations.

The programme of the Summer Workshop has been devised by members of the Junior Staff Programme (JSP) of ETSON. Participants are welcome from all ETSON or EUROSAFE members.

The event will be held on the premises of NRI Group, which is located in Rež near Prague (Czech Republic).

Participation in the Summer Workshop is free, the participants will have to pay their own travel and accommodation.

JSP Participants (under 35 y.o.) should have basic knowledge of reactor physics and technology and should be nominated by their institutions. In order to enable participants to work effectively, numbers are limited to around 40.

Contacts

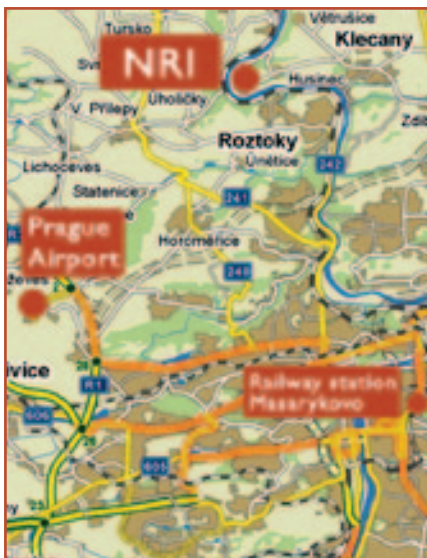
Jakub Prahľ (CVR, JSP)
Phone: +420 266 173 183,
E-mail: jakub.prahľ@cvrez.cz

Sebastian Band (GRS, JSP)
Phone: +492 212 068 676
E-mail: sebastian.band@grs.de

Mathilde Prevost (IRSN, JSP)
E-mail: Mathilde.Prevost@irsn.fr

Tadas Kaliatka (LEI, JSP)
E-mail: tadas@mail.lei.lt

Ningmeng Tang (Bel V, JSP)
E-mail: tchienminh.tang@belv.be



Venue HOW TO GET THERE

Nuclear Research Institute Řeř plc Husinec-Řeř, nr. 130 Czech Republic

By car (from Prague) Leave the D8 highway on EXIT 1 and follow the direction 'Klicany' (and also signs of 'Hotel Vltava'). After approx. 1 km (and after passing 2 roundabouts) turn left (direction 'Klecany') and go straight passing few storehouses on your left. Go straight on through the next crossing (direction 'Husinec, Reř'). You will reach the main reception of the NRI premises after approx. 4.5 km.

By train From the railway station 'Praha - Masarykovo nádraží' take a slow train 'direction Kralupy nad Vltavou'. Get off the train after approx. 20 minutes in the station 'Reř'. Use the foot bridge and cross the river. Then you are in front of the main reception of NRI premises.

By bus From subway station 'Kobylisy' (line C) take the bus No 371 and get off in the terminal station 'Husinec, Reř, zavod' (approx 25 minutes). The stop is just in front of the main reception of the NRI premises.

GPS coordinates: 50°10'39.291"N, 14°21'30.276"E



ETSON JSP 2011 SUMMER WORKSHOP



FUKUSHIMA NPP ACCIDENT AND CONSEQUENCES

29th AUG - 2nd SEPT 2011

NRI REŽ
CZECH REPUBLIC

Sun aug 28	Mon aug 29	Tue aug 30	Wed aug 31	Thu sept 01
Arrival	Chair NRI Fukushima NPS accident and its impact	Chair IRSN Severe accidents	Chair Bel V R&D facilities in Rez	Chair GRS Stress test management
JSP Participants arrival	09:00-09:15 Welcome speech M. Ruščák (NRI Group)	09:00-09:15 Presentation IRSN	09:00-09:15 Presentation JSP of Bel V	09:00-09:15 Presentation JSP of GRS
19:00 Common dinner at Vltava Hotel	09:15-09:30 Presentation JSP of NRI/CVR	09:15-10:30 Phenomenology of severe accidents M. Sonnenkalb (GRS)	09:15-10:00 Experimental loops (HTHL,SCWL) all participants - creation of 2 groups with exchange in the mid time	09:15-12:00 Working groups on stress test management G. Thuma (GRS)
Accommodation Hotel Vltava*** (recommended for JSP) in Rez is located in a pitoresque valley on the bank of the Vltava river, only 11 km north of the Prague city center. Position of the hotel allows fast and easy access to the center of Prague via the D8 motorway (cca 15 min.) or by the hourly train service from the local station to Masarykovo railway station (cca 20 min.). http://www.hotel-vltava.eu	09:30-10:00 ETSON initiatives and activities K. Ben Ouaghrem (IRSN)	10:30-11:00 Core melt scenario MELCOR (BWR) M. Sonnenkalb (GRS)	10:00-11:15 Experimental reactor LVR-15 / Tandetron accelerator	12:00-13:00 Lunch
Hotel Atlantic*** is situated directly in the heart of Prague. There is the Municipal House and the main Prague shopping Boulevard just around the corner. You can reach the Old Town, the Charles Bridge and other places of interest on foot within several minutes. There is also a subway station "Namesti Republiky" line "B" just 100 meters from the hotel door. You can also reach the hotel by your own car. You have the possibility of parking in the hotel car park. The Masarykovo railway station from which NRI in Rez is accessible by train is about 10 minutes walking from hotel. http://www.hotel-atlantic.cz	10:00-10:50 The BWR safety concept with respect to the Fukushima Accident Y. Kilian-Hülsmeier (GRS)	11:00-11:30 Coffee break	11:15-12:30 Tandetron accelerator / experimental reactor LVR-15	13:00-16:00 Working groups on stress test management, discussion of results G. Thuma (GRS)
	10:50-11:10 Coffee break	11:30-12:30 Phenomenology of severe accidents Safety features C. Mun (IRSN)	12:30-13:30 Lunch	16:00-16:30 Coffee break
	11:10-11:40 Consequences of Fukushima NPS in the Czech Republic D. Drábová (SÚJB)	12:30-13:30 Lunch	13:30-14:00 Transport to Prague	16:30-18:30 Working groups on PSA
	11:40-12:00 Building of infrastructure for regulatory body support in the Czech Republic M. Ruščák (CVR)	13:30-15:00 Working groups PWR using ASTEC C. Mun (IRSN)	14:00-15:30 School reactor VR-I (Prague Technical University)	Free evening
	12:00-12:30 NRI Support to CR SONS in Severe Accident Area J. Duspiva (NRI)	15:00-? Common discussion	16:00-19:00 Prague sightseeing	Fri sept 02
	12:30-13:30 Lunch	Free evening	19:00-22:00 Common dinner in Prague	Chair LEI NPP safety issues
	13:30-15:00 Radioactive release and dispersion simulation and emergency management O. Isnard (IRSN)			09:15-09:30 Presentation JSP of LEI
	15:00-15:30 Coffee break			09:30-10:30 Safety assessment of new NPPs J. Misak (NRI)
	15:30-16:00 Communication to the public K. De Beule (Bel V)			10:30-11:30 Safety features of GEN II-III G. Bruna (IRSN)
	16:00-17:30 Separate working groups on emergency management / Discussion			Coffee on disposal
	17:30-? Common discussion			11:30-13:30 Closing & Conclusions Feedbacks & discussion Ideas for future of JSP, new SW concept
	Free evening			13:30-14:30 Lunch
				JSP Participants departure