Welcome to the 6th European MELCOR User Group Meeting

6th EMUG Meeting,

Bratislava,

Slovakia,

15 – 16 April 2014

Juraj Jančovič

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EMUG

Organized to encourage MELCOR code usage,

Provide platform for exchange of information and experience,

Convenient location and possibility to discuss with code developers,

Organized by members of the CSARP program on a yearly basis.

6th EMUG meeting

Organized by VUJE a.s. and Slovak Nuclear Regulatory Authority together with VTS at VUJE in Bratislava, Slovakia

Tuesday 15th April 2014

Group 1 Welcome, Code development – Chair: J. Jančovič

9:30   Welcome, Approval of agenda,
            VUJE/All, J. Jančovič

9:45   Overview of VUJE and Nuclear Safety Division Missions,
            VUJE, M. Cvan

10:05   UJD SR Activities and Severe Accident Management,
            UJD SR, J. Husárček

10:45   Coffee break

11:05   MELCOR Code Development and Assessment Status Report for 2014,
            SANDIA, L. Humphries

11:35   Overview of MELCOR code activities in IBRAE RAN,
            IBRAE, N. Mosunova

12:00   Lunch break

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Group 2 Model development – Chair: Ľ. Kubišová

13:30   MELCOR Wetwell Modeling with SNAP Post Processing,
SANDIA, P. Jesse

14:00   Status of PSI Air Oxidation Modelling,
PSI, L. Fernandez-Moguel

14:20   SFP phase II simulation with PSI breakaway model,
PSI, B. Jaeckel

14:50   Expansion of the model basis in MELCOR,
KIT, P. Dietrich

15:15   Coffee break

15:35   CIEMAT's experience with MELCOR along 2013: nodalization and modelling in LWR,
CIEMAT, C. Lopez

15:55   Spent fuel under severe accident conditions,
PSI, B. Jaeckel

16:25   Bohunice V2 NPP containment model – MELCOR to APROS comparison
VUJE, P. Juriš

16:50   Adjourn

Wednesday 16th April 2014, **Group 3 Unit modeling, post-processing – Chair: B. Jaeckel**

9:00   Experiences with the MELCOR code at Westinghouse
        WEG, W. Rapp

9:20   Analyses of severe accident sequences in the spent fuel pool of the VVER-1000 type
        of reactor with MELCOR 1.8.6, UJV, M. Kotouč

9:45   Advances in the ENEA activity on plant applications
        ENEA, F. Mascari

10:10   Coffee break

10:30   Evaluation of Filtered Containment Venting Systems with MELCOR for Extended
        Operation in German PWR, AREVA, M.G.Loeffler

10:50   Open source tools for MELCOR: 2014 update and application examples,
        UJV, P. Vokáč

11:15   MELCOR results offline presentation using the ATLAS simulator tool
        NUBIKI, L. Horvath

11:30   Conclusions, next meeting
        VUJE/All, All

12:00   Lunch break, End of meeting

- **break refreshment,**
- **lunch + beverages,**
- **social dinner, 15 April 2014, 18:30 h,**

REŠTAURÁCIA HRAD

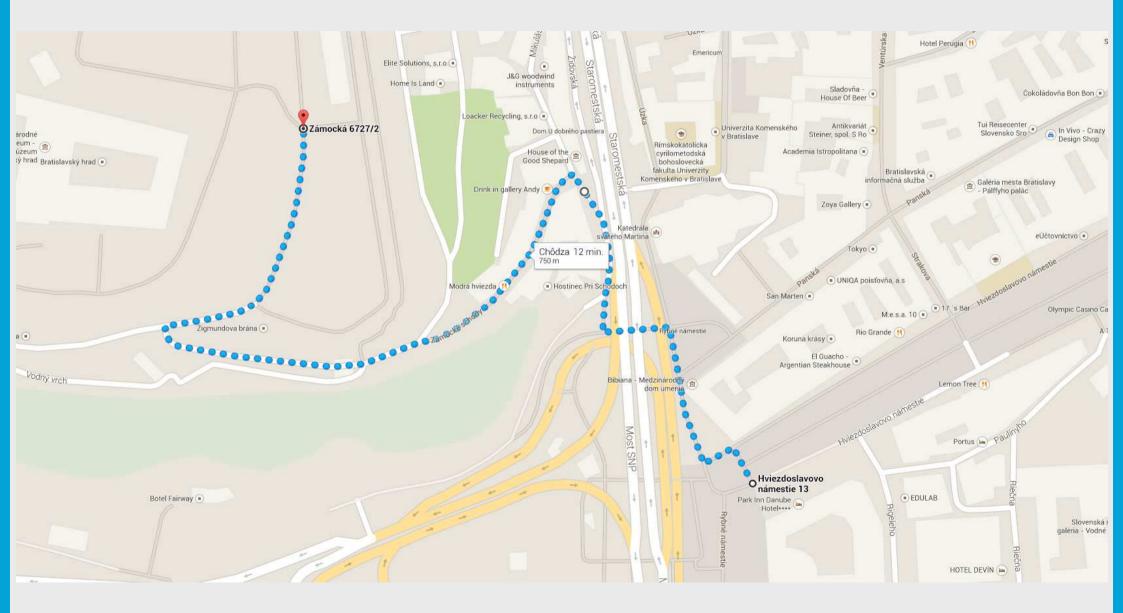**Námestie A. Dubčeka 1**

850 01   Bratislava

Walking distance – 12 minutes, 800 m,

Main group departs from hotel Danube at 18:00 h,

Car transport possible (much longer route) – ask Mr. Jančovič.

- **location of the next EMUG meeting.**

Name: conference

Password: hoteldanube

Contact to organizer: Juraj.Jancovic@vuje.sk

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