



UNIVERSITY OF PANNONIA
Department of Radiochemistry and Radioecology
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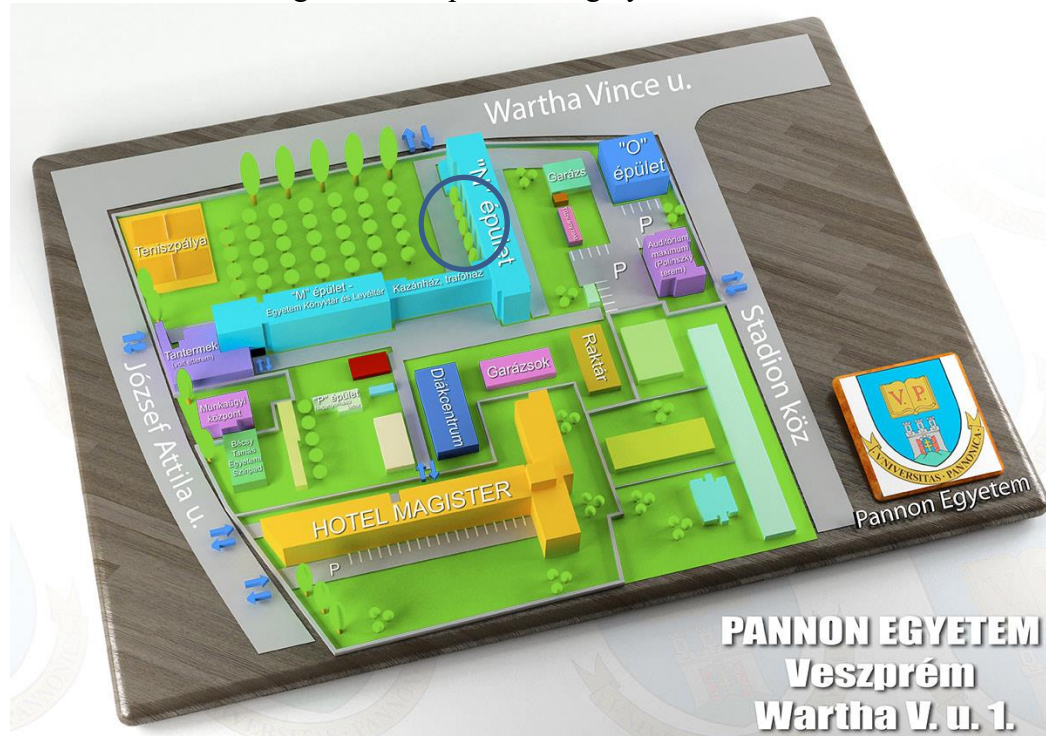
Seminar

Earthquake Early Warning System Through Real Time Radon Gas Monitoring

09/11/2021-12/11/2021

Venue:

Department of Radiochemistry and Radioecology
1 Wartha V. Str., Building “N”, Veszprém, Hungary



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Program

Day 1

09/11/2021 (Tuesday)

9:50-10:00	Tibor Kovács Welcome and opening
10:00-10:50	Arvind Kumar (National Center for Research on Earthquake Engineering (NCREE), Taiwan) The Science of Earthquakes
10:50-11:20	Arvind Kumar (National Center for Research on Earthquake Engineering (NCREE), Taiwan) Real-time radon monitoring for earthquake precursory studies
11:30-13:30	<i>Break</i>
13:30-14:20	Matej Neznal (Radon vos, Czech Republik) Soil Gas Radon Concentration Measurements & Radon risk classification - 30 years experience Part1
14:20-15:30	Matej Neznal (Radon vos, Czech Republik) Soil Gas Radon Concentration Measurements & Radon risk classification - 30 years experience Part2



Day 2
10/11/2021 (Wednesday)

10:00-10:25	Kranrod Chutima (Hirosaki University, Japan) Radon and thoron measurements and calibration system in Hirosaki University
10:25-10:50	Yasutaka Omori (Hirosaki University, Japan) Radon as a tracer of the earthquake
10:50-11:15	Masahiro Hosoda (Hirosaki University, Japan) New high natural radiation background area in Indonesia
11:15-13:15	<i>Break</i>
13:15-14:30	Erik Hülber (Radosys LTD, Hungary) Quality Control at mass production SSNTD based radon test systems
14:30-15:15	Róbert Mészáros (ELTE University, Hungary) Basics of air dispersion models
15:15-16:00	Gergő Bátor (SORC, Hungary) TRES and Montee atmospheric radionuclide migration codes

Day 3
11/11/2021 (Thursday)

10:00-10:50	Rakesh Ramola (Tehri Gharwal University, India) Radon as an Early Warning Tool in Neotectonics and Earthquake Activities Part1
10:50-11:20	Rakesh Ramola (Tehri Gharwal University, India) Radon as an Early Warning Tool in Neotectonics and Earthquake Activities Part2
11:30-13:30	<i>Break</i>
13:30-14:20	Stan Chalupnik (Central Mining Institute, Poland) Radon and Thoron gas measurements - LLDs and uncertainties in case of dual detectors
14:20-15:30	Stan Chalupnik (Central Mining Institute, Poland) LSC and thermoluminescent detectors (TLD) applications for radon/thoron PAEC measurements