

TEERAS 2017 THIRD EAST EUROPEAN RADON SYMPOSIUM 15- 19 MAY PARK HOTEL MOSKVA, SOFIA, BULGARIA			
SCIENTIFIC PROGRAM			
15 MAY (MONDAY)			
10:00 - 19:00		REGISTRATION	
15:00	15:30	OFFICIAL OPENING	
15:30	16:00	Explaining Radon Risks to Non-Specialists**	Lecturer: James McLaughlin Authors: James McLaughlin
16:00	16:20	Implementation of the European Directive 2013/59/Euratom as regards radon exposure: obligations, challenges and opportunities*	Lecturer: Francesco Boccicchio Authors: Francesco Boccicchio
16:20	16:40	Implementation Process of Radon Regulations in Germany*	Lecturer: Stephanie Hurst Authors: Stephanie Hurst, Bernd Hoffmann
16:40	17:00	UK Radon programme- the PHE approach*	Lecturer: Zornitza Daraktchieva Authors: Zornitza Daraktchieva
17:00	17:20	Ireland's National Radon Control Strategy*	Lecturer: Stephanie Long Authors: Stephanie Long
17:20	17:40	Radon legislation in Norway. Rental accomodations, schools and kindergartens*	Lecturer: Maria Larsson Authors: Maria Larsson
17:40	18:10	Company presentation - Independia International AB	
18:10	18:30	Discussion	
20:00		WELCOME COCKTAIL	
16 MAY (TUESDAY)			
09:00	18:30	Poster Session	
09:00	9:20	Status of the transposition of the EU BSS in Austria*	Lecturer: Wolfgang Ringer Authors: Wolfgang Ringer, Valeria Gruber, Angelika Kunte, Gernot Wurm
09:20	9:40	The MetroRadon project*	Lecturer: Wolfgang Ringer Authors: Wolfgang Ringer, Peter Bossew, Giorgia Cinelli, Valeria Gruber, Jose Luis Gutierrez Villanueva, Franz Josef Maringer, Ismael Fuente Merino, Luis S. Quindos Poncela, Carlos Sainz Fernandez, Hannah Wiedner
09:40	10:00	Preliminary results related with radon and indoor air quality within SMART_RAD_EN European Project*	Lecturer: C. Sainz Authors: Sainz C., Cucos A., Dicu T., Papp B., Moldovan M., Burghel B., Tenter A., Szacsvai K., Beldean S., Tunyagi A., Catalina T., Istrate A.
10:00	10:30	A new generation of passive radon monitors -the radon film-badges**	Lecturer: Luigi Tommasino Authors: Luigi Tommasino, D. Pressyanov
10:30	11:00	COFFEE BREAK and poster exhibition	
11:00	11:20	Digital version of the European atlas of Natural Radiation*	Lecturer: P. Bossew Authors: P. Bossew, T. Tollefsen, G. Cinelli, V. Gruber, K. Bogucarskis, L. De Felice
11:20	11:40	Use of geological information to develop a high resolution indoor radon risk map of Ireland*	Lecturer: Javier Elio Authors: Javier Elio, Quentin Crowley, Ray Scanlon, James A. Hodgson, Stephanie Long
11:40	12:00	Spatial design of radon surveys	Lecturer: Peter Bossew Authors: Peter Bossew
12:00	12:20	Machine learning methods as a tool to analyse incomplete or irregularly sampled radon time series data*	Lecturer: M. Janik Authors: M. Janik, P. Bossew, O. Kurihara
12:20	13:20	LUNCH	
13:20	13:40	The radon-reducing effect of introducing binding requirements for preventive measures in new buildings in Norway*	Lecturer: Ingvild E Finne Authors: Ingvild E Finne, Anne Kathrine Kolstad, Bård Olsen, Maria Larsson, Josephine Prendergast, Anne Liv Rudjord
13:40	14:00	A national survey on radon remediation in Switzerland*	Lecturer: Fabio Barazza Authors: Fabio Barazza, Christophe Murith, Marthia Palacios, Walther Gfeller, Emanuel Christen
14:00	14:20	Impact of ventilation systems and energy savings in a building on the mechanisms governing the indoor radon activity concentration*	Lecturer: Bernard Collignan Authors: Bernard Collignan, Emilie Powaga
14:20	14:40	Effectiveness studies of mitigation techniques using theoretical models simulated by finite elements software*	Lecturer: Eduardo Muñoz Authors: Eduardo Muñoz, Borja Frutos, Manuel Olaya
14:40	15:00	Radon in schools, a high variability in concentrations, awareness and sustainability of remediation*	Lecturer: Boris Dehandschutter Authors: Boris Dehandschutter
15:00	15:20	Model study of radon transport and accumulation under controlled convection and diffusion entry*	Lecturer: Iliya Yarmoshenko Authors: Iliya Yarmoshenko, Georgy Malinovsky, Alexey Vasilyev, Michael Zhukovsky
15:20	15:50	COFFEE BREAK and poster exhibition	
15:50	16:20	Company presentation - Landauer Nordic turns into Radonova	
16:20	16:40	Two years long integrated radon and thoron measurements at snolab underground facilities*	Lecturer: T. Kovács Authors: T. Kovács, Cs. Németh, A. Csordás, I. Lawson, R. Ford
16:40	17:00	The origin of the radon at the Manganese mine - ten years of radon measurements in the mine waters*	Lecturer: T. Kovács Authors: T. Kovács, A. Csordas, J. Somlai, T. Vigh,
17:00	17:20	Influence of karsts on the radon production and migration: analysis of experimental data (Fourbanne site, French Jura Mountains)*	Lecturer: C. Gréau Authors: Gréau C., Ielsch G., Saádi Z., Mansouri N., Bertrand C.
17:20	17:40	Local action campaign in a high radon potential region in France (Haute-Vienne): an attempt to effectively reduce domestic exposure to indoor radon*	Lecturer: G. Ielsch Authors: Ielsch G., Gréau C., Lhéritier L., Marsal F., Gay D
17:40	18:10	Company presentation - PropertECO	
18:10	18:30	Discussion	
17 MAY (WEDNESDAY)			
09:00	9:20	Development of a practical radon-thoron progeny exposure chamber at Hiroasaki University*	Lecturer: S. Tokonami Authors: Tokonami S., Pornnumpa C., Iwaoka K., Yamada R., Tamakuma Y., Suzuki T. and Hosoda M
09:20	9:40	Calibration of instruments measuring radon and the radon gas decaying method*	Lecturer: Nathalie Michielsen Authors: Nathalie Michielsen
09:40	10:00	Calibration of measuring instruments in thoron and mixed thoron/radon atmospheres*	Lecturer: Martin Dubsloff Authors: Martin Dubsloff
10:00	10:30	Challenges in the radon field addressed by the CD/DVD method for radon and thoron measurements **	Lecturer: Dobromir Pressyanov Authors: D. Pressyanov, I. Dimitrova, K. Mitev, S. Georgiev, D. Dimitrov
10:30	11:00	COFFEE BREAK and poster exhibition	
11:00	12:40	Round table: Advancing radon mitigation and radon prevention in (Eastern) Europe	
12:40	13:10	Company presentation -Saphymo GmbH	
13:10	14:10	LUNCH	

14:10	18:40	ERA Workshop		
14:10	14:15	Welcome (James McLaughlin, ERA President)		
14:15	15:00	Invited presentation: Radon risk awareness and remediation: a psychological perspective (David Hevey, Trinity College. Dublin, Ireland)		
15:00	15:30	Awareness and attitude towards radon risk: sociological approach (A.P. Fleury de Macedo Soares, P. Bossew, J. Kaschubowski, J.L. Gutierrez-Villanueva)		
15:30	16:00	Alert But Don't Alarm: Radon Risk Communication Strategies of a UK Mitigator (Rebecca Coates, PropertECO, UK)		
16:00	16:30	Serbian experience in the radon risk communication as a part of the national indoor radon survey strategy (Vladimir Udovicic, Institute of Physics Belgrade, University of Belgrade, Belgrade, Serbia)		
16:30	17:00	COFFEE BREAK		
17:00	17:30	Round table discussion		
17:30	18:45	ERA General Assembly		
20:00		OFFICIAL DINNER		
		18 MAY (THURSDAY)		
			Lecturer	Authors
09:00	9:20	Dependence of lung cancer rate on average indoor radon with adjustment to influencing factors (US counties, Russian oblasts)*	Georgy Malinovsky	Georgy Malinovsky, Iliya Yarmoshenko, Michael Zhukovsky
09:20	9:40	Unsolved Radon Problems: Russia and other Countries*	Iliya Yarmoshenko	Iliya Yarmoshenko, Michael Zhukovsky
09:40	10:00	Combined European case-control radon study: is it time for reassessment?*	Aleksandra Onishchenko	Aleksandra Onishchenko, Michael Zhukovsky
10:00	10:30	Additive and multiplicative risk models of lung cancer risk from radon and smoking**	Ladislav Tomasek	Ladislav Tomasek
10:30	10:50	COFFEE BREAK and poster exhibition		
10:50	11:10	High-Sensitivity radon measurement with passive alpha-track detectors*	Trygve Rönngqvist	Trygve Rönngqvist
11:10	11:30	A portable continuous radon progeny monitor for the occupational environment*	Ryohei Yamada	Ryohei Yamada, Yuki Tamakuma, Kazuki Iwaoka, Takahito Suzuki, Chanis Pornnumpa, Masahiro Hosoda, Shinji Tokonami
11:30	11:50	Development of the Geogenic Radon Hazard Index map in Cantabria (Spain)*	G. Cinelli	Cinelli G., Fernandez A.; Remondo, J; Quindos J; Pereda A; Gutierrez-Villanueva J.L; Bossew P; Sainz C
11:50	12:10	Base for choosing reference and action radon level in Montenegro*	Perko Vukotic	Perko Vukotic, Nevenka Antovic, Andrija Djurovic, Ranko Zekic, Nikola Svrkota, Tomislav Andjelic, Ranko Svrkota, Radivoje Mrdak, Natasa Bjelica, Tamara Djurovic, Aleksandar Dlabac, Marija Bogicevic
12:10	12:30	First Serbian indoor radon map*	Vladimir Udovičić	Vladimir Udovičić, Dimitrije Maletić, Maja Eremić Savković, Slađan Velinov, Bojana Spasić, Branko Markoski
12:30	12:50	Results of the national radon indoors survey in Bulgaria*	Kremena Ivanova	Kremena Ivanova, Zdenka Stojanovska, Nina Chobanova, Martina Tsenova, Antoaneta Angelova
12:50	13:50	LUNCH		
13:50	14:10	Study of the Influence of Environmental Factors on the Retrospective Measurement of Thoron by CDs/DVDs*	Ivelina Dimitrova	Ivelina Dimitrova, Strahil Georgiev, Krasimir Mitev, Dobromir Pressyanov, Benoit Sabot, Nathalie Michielsen, Sylvain Bondiguel
14:10	14:30	Study on the a posteriori calibration of CDs for retrospective thoron measurements*	Strahil Georgiev	Strahil Georgiev, Ivelina Dimitrova, Krasimir Mitev, Dobromir Pressyanov
14:30	14:50	Long-term radon measurements to assess the health risk to both cave personnel and tourists*	Bety.D. Burghelle	Bety.D. Burghelle, Alexandra L. Cucos, Botond Papp, Silviu Constantin
14:50	15:10	Measurement of the depth distribution of 222Rn in soil gas by absorption in polycarbonates and liquid scintillation counting*	Ch. Dutsov	Ch. Dutsov, K. Mitev, S. Georgiev, D. Pressyanov
15:10	15:30	NORM and TENORM in High Thorium Beach Placers*	Debashish Sengupta	Debashish Sengupta, Shyantani Ghosal, Sudha Agrahari
15:30	15:50	Spatial differences in radon levels in the Važecká karst cave, Slovakia*	Iveta Smetanová	Iveta Smetanová, Karol Holý, Lucia Kunáková
15:50	16:10	COFFEE BREAK and poster exhibition		
16:10	16:30	Indoor radon concentration assessment of an old granite manor house requalified as an office in the historic center of Viana do Castelo, Portugal*	Guilherme Coelho	Guilherme Coelho, João Pedro Silva, António Curado, Sérgio I. Lopes
16:30	16:50	Karst as influencing factor of the geogenic radon potential*	Peter Bossew	Peter Bossew, Winfried Meyer, Bernd Hoffmann
16:50	17:10	Comparison of retrospective and contemporary radon measurements in dwellings in Romania*	Tiberius Dicu	Tiberius Dicu, Bety Burghelle, Alexandra Cucos
17:10	17:30	Spatial and temporal variations of 222Rn in some dry CO2 spas of Covasna, Romania*	Erzsébet Sóki	Erzsébet Sóki, István Csige
17:30	18:00	Discussion and TEERAS 2017 conclusive remarks		

* Oral presentation: 15 min lecture; 5 min discussion

** Plenary presentation: 25 min lecture; 5 min discussion