

PROGRAMME

International Conference



SUNDAY, May 10, 2009

17:00 ÷ 19:00 **Registration** – ANTAŁÓWKA Hotel, Zakopane

19:00  **Welcoming party** – ANTAŁÓWKA Hotel, Zakopane

MONDAY, May 11, 2009

09:00 ÷ 09:20 **OPENING CEREMONY**

SESSION 1 Chairpersons: Zora S. Zunic, Tadeusz A. Przylibski

09:20 ÷ 10:00 **INV** **Janja Vaupotič**
SLOVENIAN APPROACH IN MANAGING EXPOSURE TO RADON AT
WORKPLACES

10:00 ÷ 10:20 **A1** **Krzysztof Kozak**
HISTORY OF RADON MEASUREMENTS AT IFJ PAN

10:20 ÷ 10:40 **A2** **Luigi Tommasino**
PASSIVE RADON-SAMPLERS BY SOLIDS WITH NANOHOLES - I. THE
RADON-BADGES FOR SOLVING PROBLEMS OF PASSIVE MONITORS

10:40 ÷ 11:00 **A3** **Luigi Tommasino**
PASSIVE RADON-SAMPLERS BY SOLIDS WITH NANOHOLES - II. THE
USE OF A PANCAKE GEIGER-MULLER FOR RADON MEASUREMENTS

11:00 ÷ 11:20  **COFFEE BREAK**

11:20 ÷ 11:40 **A4** **Harry Friedmann**
SELECTED STATISTICAL PROBLEMS IN SPATIAL EVALUATION
OF Rn RELATED VARIABLES

11:40 ÷ 12:00 **A5** **Oliver Meisenberg**
DEVELOPMENT OF AN INDOOR THORON MODEL

12:00 ÷ 12:20 **A6** **Martin Jiraneck**
APPLICATION OF NUMERICAL MODELS FOR THE RELIABLE DESIGN
OF RADON PREVENTIVE AND REMEDIAL MEASURES


12:20 ÷ 12:40 **A7** **Valentina Yakovleva**
RADON AND ITS DECAY PRODUCTS DYNAMICS INSIDE
THE ACCUMULATIVE CHAMBER

12:40 ÷ 13:00 **A8** **Bikram Jit Singh Bajwa**
SOIL-GAS, GROUNDWATER AND INDOOR RADON LEVEL VARIATIONS
IN THE GRANITIC TERRAIN OF THE TUSHAM RING COMPLEX

13:00 ÷ 14:00  **LUNCH**



MONDAY, May 11, 2009

SESSION 2 Chairpersons: Krzysztof Kozak, Shinji Tokonami

14:00 ÷ 14:20	A09	Zornitza Tosheva RADON IN PORTABLE WATER OF LUXEMBOURG
14:20 ÷ 14:40	A10	Kirlna Skeppstroem RADON IN DRINKING WATER IN SWEDEN - MUNICIPAL WATER SUPPLY VERSUS PRIVATE WATER SUPPLY
14:40 ÷ 15:00	A11	Karel Jilek FIRST RESULTS OF MEASUREMENT OF EQUILIBRIUM FACTOR F AND UNATTACHED FRACTION f_p OF RADON PROGENY IN CZECH DWELLINGS
15:00 ÷ 15:20	A12	Tadeusz A. Przylibski RADON WATERS IN THE AREA OF URANIUM MINERALISATION AND DEPOSITS IN MALÁ ÚPA – KOWARY REGION (CZECH – POLAND BORDERLAND, SUDETES)
15:20 ÷ 15:40		COFFEE BREAK
15:40 ÷ 16:00	A13	Masahiro Hosoda INFLUENCE FACTORS ON RADON/THORON EXHALATION RATES IN THE ENVIRONMENT
16:00 ÷ 16:20	A14	Dániel Breitner GEOCHEMICAL CASE STUDY OF SOIL AND SEDIMENT SAMPLE FROM ASKOLA, FINLAND - ASSESMENT OF RADON EMISSION
16:20 ÷ 16:40	A15	Zsuzsanna Szabo SIMULTANEOUS MEASURING OF LOW ²²² Rn AND HIGH ²²⁰ Rn EXHALATION RATES OF SOIL SAMPLES USING RAD7
16:40 ÷ 17:00	A16	Jadwiga Mazur LONG-TERM MEASUREMENTS OF RADON EXHALATION FROM SOIL
17:00		POSTER SESSION

TUESDAY, May 12, 2009

SESSION 3 Chairpersons: Rakesh C. Ramola, Luigi Tommasino

09:00 ÷ 09:40	INV	Shinji Tokonami IMPORTANCE OF THORON (²²⁰ Rn) IN RADON (²²² Rn) STUDIES
09:40 ÷ 10:00	A17	Moshe Shirav - Schwartz NATURAL TERRESTRIAL DOSE-RATE AND INDOOR RADON MAPPING IN ISRAEL
10:00 ÷ 10:20	A18	Tore Tollefsen STATUS OF THE EUROPEAN INDOOR RADON MAP
10:20 ÷ 10:40	A19	Hedvig Eva Nagy RADON MITIGATION CLOSE TO A FORMER URANIUM MINE (MECSEK MT., S-HUNGARY)
10:40 ÷ 11:00	A20	Katalin Szabo RADON POTENTIAL MAP OF PEST COUNTY, HUNGARY
11:00 ÷ 11:20		COFFEE BREAK
12:00		Departure to Chochołowska valley EVENT – Tatra highlanders and their folklore



WEDNESDAY, May 13, 2009

SESSION 4 Chairpersons: Matej Neznal, Stanisław Chałupnik

09:00 ÷ 09:40	INV	Zora S. Zunic RADON AND GAMMA ENVIRONMENTAL RADIATION IN SERBIA OVER YEARS 1993 TO 2009 - RESULTS OF AN INTERNATIONAL COLLABORATION
09:40 ÷ 10:00	A21	Franz Schönhofer NATURAL RADIONUCLIDES IN WATERS FROM UPPER SILESIA, POLAND. DOSES AND COMPLIANCE WITH REGULATIONS
10:00 ÷ 10:20	A22	Lenka Thinova ENVIRONMENTAL AND RADON MEASUREMENTS IN THE UNDERGROUND WORKPLACES IN CZECH REPUBLIC
10:20 ÷ 10:40	A23	Ivan Kobal BACKGROUND OUTDOOR RADON LEVELS IN SLOVENIA
10:40 ÷ 11:00	A24	Igor Miklavčić RADON CONCENTRATION IN ĐUROVIĆA CAVE (ČILIP, CROATIA)
11:00 ÷ 11:20		COFFEE BREAK
11:20 ÷ 12:40	A25	Kateřina Rovensk SEASONAL VARIATION OF RADON IN CAVE
11:40 ÷ 12:00	A26	Dobromir S. Pressyanov RECENT RADON EXPERIENCE IN BULGARIA-FROM RETROSPECTIVE MEASUREMENTS TO MITIGATION
12:00 ÷ 12:20	A27	Atsuyuki Sorimachi UPGRADE OF THE NIRS THORON CHAMBER - ITS PERFORMANCE AS THE RADIOACTIVE AEROSOL CHAMBER
12:20 ÷ 12:40	A28	Stanisław Chałupnik APPLICATION OF RADIOMETRIC METHODS IN INVESTIGATIONS OF OUTBURSTS AND TREMORS IN POLISH HARD-COAL MINES
12:40 ÷ 13:00	A29	Pall Theodorsson A LIGHT-WEIGHT LIQUID SCINTILLATION SYSTEM WITH AUTOMATIC SAMPLE CHANGING FOR RADON FIELD MEASUREMENTS
13:00 ÷ 14:00		LUNCH



WEDNESDAY, May 13, 2009

SESSION 5 Chairpersons: Janja Vaupotič, Harry Friedmann

14:00 ÷ 14:20	A30	Ladislav Moučka CONTINUOUS SOIL GAS RADON VARIATIONS MEASUREMENT IN CONTEXT OF INDOOR RADON DIAGNOSIS APPLICATION
14:20 ÷ 14:40	A31	Matej Neznal PRACTICAL USEFULNESS OF RADON RISK MAPS AND DETAILED IN SITU CLASSIFICATION OF RADON RISK
14:40 ÷ 15:00	A32	Jose-Luis Gutierrez Villanueva TWO SIGNIFICANT EXPERIENCES RELATED TO RADON IN A HIGH RISK AREA IN SPAIN
15:00 ÷ 15:20	A33	Oleksandr Molchanov DISPERSION OF RADON IN THE ATMOSPHERE AROUND OLD URANIUM MILL TAILINGS
15:20 ÷ 15:40		COFFEE BREAK
15:40 ÷ 16:00	A34	Miroslaw Janik HUMIDITY AS AN IMPORTANT PARAMETER FOR THE MEASUREMENT OF RADON AND THORON IN SOIL USING ETCH - TRACK DETECTORS
16:00 ÷ 16:20	A35	Thomas Streil WATER TIGHT RADON / THORON PROBS AND MONITORS WITHOUT INFLUENCE OF HIGH HUMIDITY, AIR PRESSURE AND TEMPERATURE
16:20 ÷ 16:40	A36	Petr Otahal RADON DECAY PRODUCTS IN BOUNDARY LAYER OF THE ATMOSPHERE
16:40 ÷ 17:00	A37	
19:30		DEPARTURE FOR CONFERENCE DINNER
20:00		CONFERENCE DINNER – „BIAŁY POTOK” RESTAURANT

THURSDAY, May 14, 2009

SESSION 6 Chairpersons: Pall Theodorsson, Zuoyuan Wang

09:00 ÷ 09:40	INV	Rakesh C. Ramola RETROSPECTIVE ASSESSMENT OF ENVIRONMENTAL RADON EXPOSURE
09:40 ÷ 10:00	A38	Ivana Fojtíková PSYCHOSOCIAL FACTORS INFLUENCING THE RADON MITIGATION PROGRAMME
10:00 ÷ 10:20	A39	Hayk Hovhannisyan LABORATORY FACILITY TO STUDY RADON TRANSPORT THROUGH POROUS MEDIA
10:20 ÷ 10:40	A40	Ayodeji Olukeye THE EFFECT OF EXPLORATION AND EXPLOITATION OF OIL AND GAS ON NORM IN THE NIGER DELTA REGION OF NIGERIA
10:40 ÷ 11:00	A41	Marc De Cort RATIONALE, HISTORY AND PROJECTED FUTURE OF EUROPEAN RADON MAPS, AS PART OF THE EUROPEAN NATURAL RADIATION ATLAS
11:00 ÷ 11:20		COFFEE BREAK
11:20 ÷ 12:40	A42	Josef Thomas INVERSION OF THE JACOBI-PORSTENDÖRFER MODEL FOR DECAY PRODUCTS OF RADON IN AIR OF ROOMS
11:40 ÷ 12:00	A43	Zbigniew P. Zagórski POSSIBLE ROLE OF RADON IN PREBIOTIC CHEMISTRY AND IN EARLY EVOLUTION OF LIFE ON EARTH
12:00 ÷ 12:20	A44	
12:20 ÷ 13:00		CLOSING CEREMONY
13:00 ÷		LUNCH
