

	<p style="text-align: center;">RING of FIVE WORKSHOP dedicated to airborne radionuclides at trace levels in Europe Sunday 7 September 2014 Barcelona, Spain</p>	<p>Organized by</p>  <p>International Conference on Radioecology and Environmental Radioactivity 7-12 Sept 2014 · Barcelona, Spain</p>
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Final Programme

Oral presentation will last 15 minutes and will be followed by 5 minutes maximum dedicated to questions.

10:00 - 10:45 - Welcome and Opening presentation

- ◆ Welcome O. Masson
- ◆ Opening presentation: history, intention and operation through remarkable historic events. How to improve it. H. Wershofen

Morning sessions

Session 1 - Trace events

- ◆ The puzzling rare events of high ^{238}Pu content in the ground level atmosphere. H. Wershofen, J.W. Mietelski
- ◆ Measurements of airborne radionuclides from Fukushima in Germany: An inter-comparison of different systems. J. Bieringer, C. Schlosser
- ◆ Detection in France of trace levels of iodine isotopes from Hungary. A. de Vismes-Ott
- ◆ Detections of elevated levels of airborne ^{137}Cs in April 2013. A. Mattila, A. Leppänen
- ◆ Stratospheric tracers in groundlevel air? P. Steinmann, U. Heikkilä
- ◆ Release of ^{137}Cs in the atmosphere of Thessaloniki, Greece due to biomass combustion. S. Stoulos, A. Ioannidou, E. Vagena, P. Koseoglou, M. Manolopoulou

Session 2 - Monitoring and Organizations

- ◆ Sampling and Measuring Program of the German Meteorological Service for the Early Detection of Radionuclides in the Atmosphere. A. Dalheimer, G. Frank, T. Steinkopff
- ◆ Experience of radioactive aerosols monitoring in the lower atmosphere of Moscow. S. Gordeev, M. Ivliev, S. Konstantinov

Lunch break (see next page)

Afternoon sessions

Session 3 - Methodologies

- ◆ ^{85}Kr and ^3H measurements in air around nuclear reprocessing plant: methodologies and applications. O. Connan
- ◆ Development of methods to categorize detections using ATM and historical data. J. Kastlander, L. Mårtensson, C. Söderström
- ◆ Methods for retrospective activity size distribution determination: Calibration and application to Fukushima and Chernobyl derived filters. J. Tschiersch, T. Ohkura, O. Meisenberg
- ◆ Analytical method to determine activity concentrations of short lived radionuclides in radioactive series in inhaled air. R. Idoeta, S. Rozas, M. Herranz, F. Legarda
- ◆ Spatial and temporal distribution of radioactive aerosols in polar region and its effect to atmospheric electricity parameters. B. Mýstek-Laurikainen

Poster session Coffee-break and registration at the ICRER conference desk

- ◆ Cosmogenic ^{22}Na , ^7Be in ground level air samples collected weekly in Krakow (Poland) over years 2003-2006. S. Błażej, J. W. Mietelski
- ◆ Digital coincidence spectrometer with two HPGe detectors constructed at IFJ PAN. P. Janowski, J. W. Mietelski, R. Kierepko
- ◆ Size distribution of uranium-bearing aerosols in the surroundings of the UF_4 processing facility of AREVA / Comurhex, France. O. Masson, N. Hayaoui, L. Pourcelot
- ◆ Radioactivity levels of ^{238}U and ^{232}Th decay series and related dose rates in the surroundings of a coal power plant using high resolution g-spectrometry. M. de Lurdes Dinis, A. Fiúza, J. Góis, J.S. Carvalho, A.C.M. Castro
- ◆ The atmospheric ^{137}Cs concentrations in coarse and fine particles in the evacuation zonal, rural and urban sites in Fukushima. K. Kitayama, K. Ohse, K. Kawatsu, H. Tsukada
- ◆ Long term measurements of radioactive tracers at the Democritos GAW station. E. Dalaka, M. Anagnostakis, K. Eleftheriadis
- ◆ Gaseous iodine monitoring in Europe after the Fukushima accident. O. Masson, C. Debayle, D. D'Amico, A. de Vismes-Ott, R. Gurriaran, G. Manificat
- ◆ Variation in airborne ^{137}Cs peak levels with altitude from high-altitude locations across Europe after the arrival of Fukushima-labeled air masses. O. Masson, J. Bieringer, A. Dalheimer, S. Estier, O. Evrard, I. Penev, W. Ringer, C. Schlosser, T. Steinkopff, L. Tositti, A. de Vismes-Ott.

Session 4 - Gaseous iodine

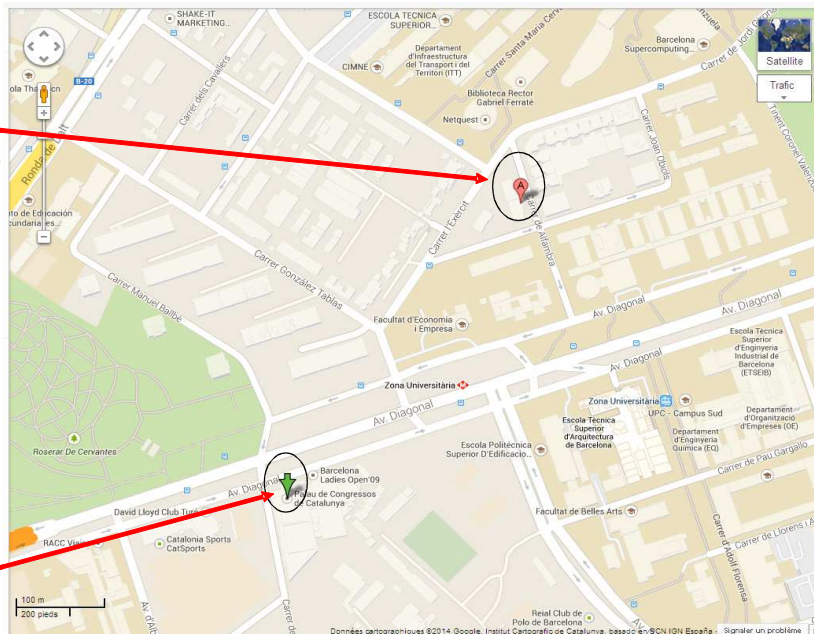
- ◆ The gaseous ^{131}I measurements with modified high-flow air sampler ASS-500. J. W. Mietelski, R. Kierepko
- ◆ Development of a device for quantitative determination of gaseous and non gaseous iodine in air with high volume sampler. R. Rusconi, M. Forte, G. Gadaleta, P. Badalamenti

18:30 -19:00 - Closing session and discussion

- ◆ Closure presentation: Ro5, towards a community and a task group. Tools and aims. O. Masson
- ◆ Discussion

Lunch practical information

Lunch (not provided)
Pizzeria, 11 Carrer de l'Alfambra



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