

SCIENTIFIC SECRETARY

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Politecnico di Milano – Dipartimento di Energia

PROGRAMME COMMITTEE

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Enrico CHIABERTO	Arpa Piemonte
Massimo FAURE RAGANI	Arpa Valle D'Aosta
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JOINTLY ORGANISED BY:



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Agenzia nazionale per le nuove tecnologie, l'energia
e lo sviluppo economico sostenibile

Istituto Nazionale di Metrologia delle
Radiazioni Ionizzanti

INAIL



PROGRAMME

WORKSHOP

*The second radon-in-field
international intercomparison for
passive measurement devices:
dwellings and workplaces*



21st – 22nd September 2017

**Aula Magna “Carassa – Dadda”
Campus Bovisa – Politecnico di Milano
Milan (ITALY)**

FINAL PROGRAMME

21st September 2017

I Session – Intercomparison

9:00 – 9:30 Registration
9:30 – 9:45 Welcome addresses

Chairman: G. Minchillo, S. Verdelocco

9:45 The intercomparison organisation,, *M. Magnoni* (Arpa Piemonte)
10:15 Metrological aspects, *F. Cardellini* (ENEA)
10:45 – 11:15 Coffee Break
11:15 Comparison among detectors used in the intercomparison, *M. Faure Ragani* (Arpa Valle d'Aosta)
11:45 Radiometric characterisation of sites, *E. Chiaberto* (Arpa Piemonte)
12:15 Intercomparison results – section I, *R. Trevisi, F. Leonardi* (INAIL)
13:00 – 14:30 Lunch

Chairman: M. Faure Ragani, M. Magnoni

14:30 Intercomparison results – section II, *L. Garlati* (Politecnico di Milano)
15:15 Critical aspects of intercomparison, *Organizing Committee*
16:00 – 17:30 Discussion
20:30 Social dinner at the restaurant “*Al Garghet*”

22nd September 2017

II Session – Metrological aspects and quality management in a radon measurement laboratory

Chairman: F. Cardellini, R. Trevisi

9:00 Radon in workplaces – The urgent need of new measurement methods and devices, *L. Tommasino*

9:30 Time integrated approach towards assessing the exposures due to Radon, Thoron and their progeny, *R. Mishra* (Bhabha Atomic Research Centre, India)

10:00 An Introduction to the MetroRadon project, *H. Wiedner* (BEV – Austria)

10:30 COST Action “NORM4Bulding”: products and results of a multidisciplinary project. *R. Trevisi, F. Leonardi* (INAIL)

11:00 – 11:30 Coffee Break

11:30 Radon and Toron atmospheres: creation, characterization, control and use for devices calibration, *R. Buompane* (Università degli Studi della Campania)

11:50 How to compensate the effects of ageing and fading in PADC detectors, *M. Caresana* (Politecnico di Milano)

12:10 New experimental activities of INMRI ENEA, *F. Cardellini* (ENEA)

12:30 Accreditation of test labs for radon measurements with passive devices, *E. Caldognetto* (ACCREDIA)

13:00 - 14:15 Lunch

III Session – Presentation of Laboratory activities, with emphasis on metrological and quality aspects

Chairman: M. Caresana, L. Garlati

14:15 The Radosys RSX multi-purpose passive radon detector, *E. Hulber* (Radosys)

14:30 Ageing effects on 3 different version of PADC for alpha detection, *M. Hansen* (TASL)

14:50 One parameter semi-empirical function for the saturation correction in radon CR-39 detectors, *R. Marchese* (Arpa Basilicata)

15:10 Radon nuclear tracer analysis using scanner, *C. Sabbarese* (Università degli Studi della Campania)

15:30 Radon/toron devices, *A. Parravicini, S. Coria* (Miam)

15:50 Discussion

16:50 Closing remarks

The contributions will be in Italian or in English; simultaneous translation will be provided.

REGISTRATION

Registration to the workshop must be done within 10th September 2017, on the website www.airp-asso.it

REGISTRATION FEES

Registration fee: **200 €**+ VAT 22%, if needed.

Registration fee for Laboratories participating to Intercomparison: **150 €**+ VAT 22%, if needed.

Registration fees can be paid online using Paypal or major Credit Cards,

or via wire transfer to:

AIRP c/o Banca Prossima S.p.A.
Filiale di Milano
Piazza Paolo Ferrari, 10
20121 Milano – Italy
ABI 03359 - CAB 01600
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IBAN IT73R0335901600100000125788
BIC BCITITMX
Reason: “Workshop IcRn2016”