

Radon Mitigation Course - PROGRAM

24 - 25 September 2018

This Radon mitigation course is intended for professionals of the built environment and focuses mainly on mitigation and prevention measures. Participants should dispose of basic knowledge related to radon. Lecturers involved in the course are from ERA, SUPSI and AARST (American Association of Radon Scientists and Technologists). A certificate of participation will be issued. No exams are scheduled.

Open for registration until June 30th, 2018:

<http://www.form-dacd.app.supsi.ch/form/view.php?id=41446>

Due to a limited number of participants, admissions will be confirmed soon after.

Fee: 600 CHF (equivalent to approx. 500 EUR), to be paid after confirmation of admission.

For further information check the ERA Website: <http://radoneurope.org/index.php/activities-and-events-2/era-activities-and-events/>
or contact us: SUPSI, Radon Competence Center, 6952 Canobbio-Lugano, Switzerland. radonweek@supsi.ch | +41 (0)58 666 6213 or
+41 (0)58 666 6353

PROGRAM

Monday 24 September 2018				
Time	Unit title	Contents	Speaker	Institution
09:00-09:30	Welcome, course introduction, presentation of participants		Wolfgang Ringer Claudio Valsangiacomo Bill Broadhead	ERA SUPSI AARST
09:30 – 10:30	Flash Test on basic knowledge on radon	<u>Anonymous</u> electronic test with questions and answers. The test aims at calibrating the contents of the entire course, aligning it to the knowledge of the participants.	Claudio Valsangiacomo	SUPSI
10:30 – 11:00	Coffee break			
11:00 – 12:30	Radon mitigation and prevention - Part 1	MITIGATION THEORY and DESIGN: <ul style="list-style-type: none"> • General introduction (1 hour, W. Ringer) • Understanding the forces of radon entry • Overview of radon prevention and mitigation methods 	Wolfgang Ringer Claudio Valsangiacomo Bill Broadhead	ERA SUPSI AARST
12:30 - 14:00	Lunch Break			
14:00 – 15:30	Radon mitigation and prevention - Part 2	BUILDING INVESTIGATION: <ul style="list-style-type: none"> • Walk through diagnostics • Communication testing • Number and location of suction points 	Bill Broadhead	AARST
15:30 – 16:00	Coffee break			
16:00 – 17:30	Radon mitigation and prevention - Part 3	ACTIVE SOIL DEPRESSURIZATION (ASD): <ul style="list-style-type: none"> • Sub-slab depressurization installation • Fan performance curves • System check • Next steps if still elevated radon • Other mitigation methods 	Bill Broadhead	AARST

Tuesday 25 September 2018

Time	Unit title	Contents	Speaker	Institution
09:00 – 10:30	Case studies - Part 1	Relevant case studies are presented, both for mitigation and prevention	Wolfgang Ringer Claudio Valsangiacomo Bill Broadhead	ERA SUPSI AARST
10:30 – 11:00	Coffee break			
11:00 – 12:30	Case studies - Part 2	Case studies of very elevated homes	Bill Broadhead	AARST
12:30 - 14:00	Lunch Break			
14:00 – 15:00	Group work on case study	Participants work in groups on radon case studies and propose a mitigation/prevention solution	Group work	
15:00 – 15:30	Coffee break			
15:30 – 16:30	Presentation of mitigation solutions	Participants present mitigation/prevention solutions	1 speaker per group	
16:30 – 17:00	General discussion and closing of the course		All	