

*First circular*

15th

# GARRM

**RADON v.o.s. and Czech Geological Survey organize the**

## **15<sup>th</sup> INTERNATIONAL WORKSHOP**

### **GARRM**

(on the GEOLOGICAL ASPECTS OF RADON RISK MAPPING)

**September 22<sup>nd</sup> – 24<sup>th</sup>(25<sup>th</sup>), 2020**

**Prague, Czech Republic**

**+ RIM – Radon Intercomparison**

**Measurements at Radon Reference Sites**

**September 21<sup>st</sup>, 2020**

**(it is certainly possible to participate both in the Workshop and in RIM, or only in the Workshop or only in the RIM)**

**WEBPAGE: [www.radon.eu/workshop2020](http://www.radon.eu/workshop2020)**

#### **ORGANIZING COMMITTEE:**

**Workshop:** Matej NEZNAL (RADON), Ivan BARNET & Petra PACHEROVA (CGS)

**RIM:** Milan MATOLIN (Charles University in Prague), Matej NEZNAL (RADON)

#### **IMPORTANT DATES AND DEADLINES**

Second announcement: March/April 2020

Deadline for paper submission: June 15, 2020

Deadline for lower registration fee: June 15, 2020

#### **PROGRAMME**

**September 21<sup>st</sup>** (Monday): Registration for RIM (in the field in the morning) +  
Field measurements

Registration for Workshop (18,00-21,00)

**September 22<sup>nd</sup>** (Tuesday): Registration for Workshop (8,00-9,30), Sessions

**September 23<sup>rd</sup>** (Wednesday): Sessions, workshop dinner

**September 24<sup>th</sup>** (Thursday): Sessions, Roundtable discussions, conclusions

**September 25<sup>st</sup>** (Friday): Field excursion, optional

## WORKSHOP GARRM - GENERAL TOPICS

### **RADON RISK MAPPING AND RADON ACTION PLANS**

- **NATIONAL STRATEGIES, RADON ACTION PLANS, APPROACHES TO RADON RISK; RADON RISK MAPPING ON VARIOUS SCALES INCLUDING GEOGENIC MAPPING & DETAILED MEASUREMENTS; DELINEATION OF RADON PRONE/PRIORITY AREAS; RESEARCH ACTIVITIES AND RESULTS**

### **RADON IN GEOLOGICAL ENVIRONMENT**

- **METHODS OF MEASUREMENTS AND CLASSIFICATION OF RADON RISK; PASSIVE AND ACTIVE SOIL GAS SAMPLING; PERMEABILITY AS THE SECOND DECISIVE PARAMETER FOR RADON POTENTIAL ASSESSMENT; UNDERSTANDING RADON TRANSPORT MECHANISMS IN THE SOIL AND FROM THE SOIL INTO THE BUILDINGS; RESEARCH ACTIVITIES AND RESULTS, MULTIPARAMETRICAL MODELS; EARTHQUAKE PREDICTION; RADON AS A NATURAL TRACER; RADON IN KARST AREAS, RADON IN MINING AREAS**

Due to our common experiences from last workshops, we would like to ask you for oral presentations (15 min) or posters.

For the closing day of the workshop, we would like to prepare meaningful roundtable discussions. The topics for the roundtable discussions will be announced in the second circular - **participants are kindly asked to propose any interesting topics for discussions.**

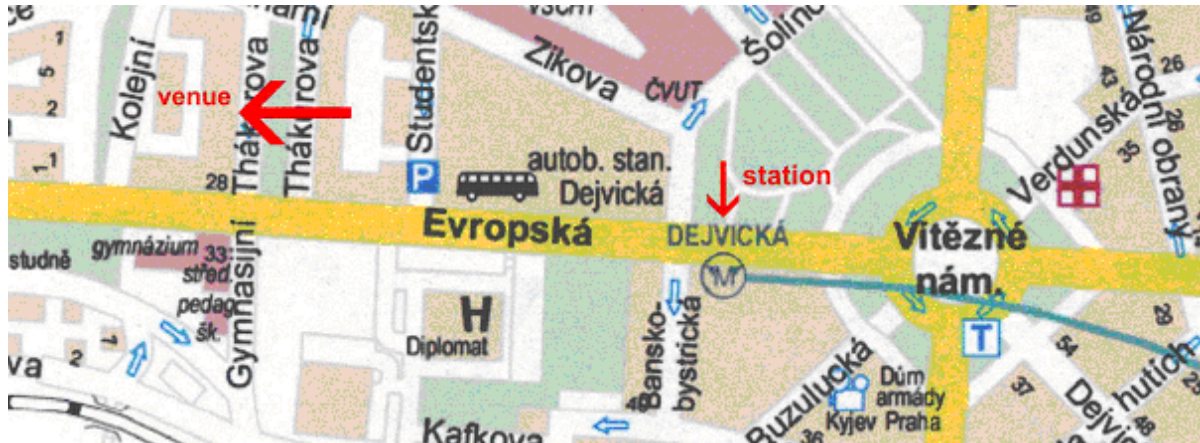
## VENUE

The conference will be held in the beautiful city of Prague, capital of the Czech Republic, at the conference hall of the Masarykova College, the Czech Technical University (the same as in 2006 and 2018). The Masarykova College is located in the western part of central Prague, near the Prague Castle, the dominant symbol of Prague, in the direction to the Ruzyne airport, close by to the Dejvicka underground station (line A). It is also well served by tram and buses. The best way to reach the venue from the airport is to use the bus No. 119, which goes from the airport (it has a stop at terminal 1 and 2 as well) to the Veleslavin underground station and then use the underground line A (two stations) to the mentioned Dejvicka underground station.



Masarykova college

Thakurova street No.1, 160 41  
Prague 6



## ACCOMMODATION

On site accommodation (i.e. directly at the Masarykova College, medium/low price) is possible but limited in number.

You can try to book via e-mail: [mkrezervace@suz.cvut.cz](mailto:mkrezervace@suz.cvut.cz) or via booking.com

The direct neighbourhood has also a large number of excellent hotels, pensions, hostels, which you can find via internet (we recommend to concentrate on accommodation in the central parts of Prague – Prague 1 and/or Prague 6).

## RIM - GENERAL INFORMATION

**Radon intercomparison measurement will be organized at two reference sites** (chosen from three reference sites established in 2000, located 60 km SW of Prague near the city Milín in the Czech Republic, accessible for cars). During this RIM we would like to focus not only on comparison of resulting soil-gas radon concentrations, but on the sampling methods themselves. **Radon intercomparison measurement** will be organized for single participants or groups of participants. **Results of tests will be anonymous, each participant (group) will be denoted by a code.**

More detailed information will be available at the workshop webpage, details will be discussed with all participants of RIM via e-mail.

**Accommodation:** Please, take into consideration, that this year “only” one-day intercomparison is hold. Suitable accommodation, just in the area of radon reference sites, is available in “Hotel u Milina” ([www.hotelumilina.cz](http://www.hotelumilina.cz)).

## Workshop field excursion

**Workshop field excursion will be organized on Friday at the end of the workshop (an optional activity with a special fee).**

Expected time of departure – Friday, September, 25<sup>th</sup>, at about 8,30 in the morning; expected time of arrival to Prague - Friday, September 25<sup>th</sup> at about 17,00 – 18,00 in the evening.

More detailed information will be available at the workshop webpage and will follow in the second circular.

## REGISTRATION FEE and INSTRUCTION for PAYMENT

The registration fee for the workshop (**390 €** if paid after June 15, 2020, **340 €** if paid before) covers the workshop program, the book of abstracts, refreshments during the sessions and the workshop dinner. Accommodation is not included in the registration fee.

The fee for the field excursion – optional activity – (**90 €** if paid after June 15, 2020, **80 €** if paid before) covers the whole excursion.

The fee for RIM – (**370 €** if paid after June 15, 2020, **330 €** if paid before) means a fee for an independent participant or for two participants in one measuring group using one measurement and sampling technique. The fee for each another one (third, fourth ..., participant in the same measuring group) is **60 €**. The fee for each another measurement/sampling technique used by the same participant/group is **280 €**. Accommodation is not included in the registration fee.

VAT is 21% and is included in the fees. VAT number of the beneficiary is CZ00473316

In order to confirm your registration, a proof of payment (photocopy of bank transfer) should be sent to RADON v.o.s. (via e-mail: [radon@comp.cz](mailto:radon@comp.cz) ), accepting the given conditions of payment and cancellations. Participants are kindly asked to indicate clearly the name of the person for whom the services are booked in the bank document sent. Payments can only be accepted in Euros.

Cancellation and requests for refunds should be made in writing and sent to RADON v.o.s.. Those made before 30 August 2020, will be refunded at 80 % of the original sum. After that date no refunds will be possible. All bank charges will be deducted from the refund. Refunds will be issued after the Workshop (15th October 2020).

**Payment - by bank transfer** (the payee name ... RADON v.o.s.)

**The bank name:** KOMERCNI BANKA

**The bank address:** POBOCKA PRAHA - PODVINNY MLYN  
EXP. PALMOVKA,  
ZENKLOVA 12/351  
180 00 PRAHA 8  
CZECH REPUBLIC

**Account number:** 35-6485850237/0100

**Swift (BIC):** KOMBCZPPXXX

**IBAN code:** CZ9501000000356485850237

Var.symbol/details of payment: 340120

There would be also a possibility to pay cash at the registration, but those participants should also send us the registration form in advance (the number of participants, especially in case of RIM and the field excursion, is limited!).

## CALL FOR PAPERS AND INSTRUCTIONS FOR AUTHORS

The language of the conference will be English.

Authors are kindly asked to send their contributions (extended abstracts) as camera ready file, e-mail attachment (best in Word 6. or higher, for high quality print, black+white, A4 format, 2.5 cm margins on all sides). Please do not number the pages. The papers should not extend 7 pages including figures, tables and references.

Contributions (extended abstracts) should be submitted by the 15<sup>th</sup> of June, 2020. The volume of the extended abstracts will be made available during the workshop.

For further contacts, please, send us the registration form (via e-mail, or – the easiest way - directly through the workshop webpage). Please fill in your e-mail with attention as it is the most effective way how to contact you (participants without e-mail will be contacted via fax or post mail).

## REGISTRATION FORM

I shall take part in - the workshop ..... - field excursion ..... - RIM .....

Name.....Mr/Mrs

Full address.....

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.....

Fax.....

Phone.....

e-mail.....

**Title of my contribution(s):**

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**Names of participants in one measuring group (in case of RIM participation):**

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**Contact addresses of the organizing committee:**

Matej Neznal, RADON v.o.s. corp., 18000 Prague 8, Novakovyh 6, Czech Republic,  
phone +420 266314112, e-mail [radon@comp.cz](mailto:radon@comp.cz) or [matej@radon.eu](mailto:matej@radon.eu)