# RNDr. Lenka Thinová, Ph.D.

Born in 1958, graduated as RNDr. (Doctor of Natural Science) in the field of applied geophysics at the Faculty of Science of the Charles University in 1983.

Since 1996, she has been working as a researcher at the Faculty of Nuclear Sciences and Physical Engineering of Czech Technical University in Prague, Department of Dosimetry and Application of Ionization Radiation, and since 2001 also as a teaching staff there. Between 2015 and 2019, she was a Supervisor for radiation protection in DIAMO, s. e. Since 2018, she has been an Expert of the Technological Agency of the Czech Republic.

**Professional interests and fields of work:**

As part of her activities, she focuses on fields Dosimetry and radioactivity in the environment; Radionuclides in the environment; Physics and technique of nonionizing radiation; Introduction to ecology. She also conducts practical training in these specializations and provides bachelor, diploma and doctoral thesis supervision.

**Expert activities:**

She is a member of International Radiation Physics Society (IRPA), European Radon Association (ERA), WIN global, Czech Society for Radiation Protection (ČSOZ) and Nuclear Society. As a head of organizing committee she prepared more than twenty scientific international conferences and she is a guest editor of international journals Radiation Protection Dosimetry; Radiation Physics and Chemistry; Journal of Environmental Radioactivity, etc.

**Selected publications:**

Ambrosino, F.; Thinová, L.; Briestenský, M.; Sabbarese, C. (2019): Analysis of radon time series recorded in slovak and czech caves for the detection of anomalies due to seismic phenomena; Radiation Protection Dosimetry; 186(2-3), 428-432. ISSN 1742-3406.

Klusoň, J.; Thinová, L. (2019): The use of deconvolution technique for the analysis of gamma spectrometry data from field monitoring using unmanned aerial vehicles; Radiation Protection Dosimetry; 186(2-3), 284-287. ISSN 1742-3406.

Ambrosino, F.; Thinová, L.; Briestenský, M.; Sabbarese, C. (2019): Anomalies identification of Earth's rotation rate time series (2012–2017) for possible correlation with strong earthquakes occurrence; Geodesy and Geodynamics.

Cerny, R.; Johnova, K.; Otahal, P.; Thinova, L.; Kluson, J. (2017): Evaluation of human body irradiation caused by radionuclides deposited in the filtration unit of gas mask; Radiation Protection Dosimetry; 177(3), pp. 289-294.

Stránský, V.; Thinová, L. (2017): Radon concentration time series modeling and application discussion; Radiation Protection Dosimetry; 177(1-2), pp. 155-159.

Catalano, R.; Immé, G.; Mangano, G.; (...); Giammanco, S.; Thinova, L. (2015): In situ and laboratory measurements for radon transport process study; Journal of Radioanalytical and Nuclear Chemistry; 306(3), pp. 673-684.

Klusoň, J.; Urban, T.; Thinová, L. (2015): Study of errors using scintillation spectra unfolding for the calculation of photon field dosimetric characteristics; Radiation Physics and Chemistry; 116, pp. 100-105.

Thinová, L.; Froňka, A.; Rovenská, K. (2015): The overview of the radon and environmental characteristics measurements in the Czech show caves; Radiation Protection Dosimetry 164(4), pp. 502-509.

Kluson, J.; Thinova, L.; Neznal, M.; Svoboda, T. (2015): Remedial activities effectiveness verification in tailing areas; Radiation Protection Dosimetry; 164(4), pp. 523-528.