



Organizing Committee
VI International conference
«Radioactivity and radioactive elements in the environment»

Tomsk, September 20-24, 2021

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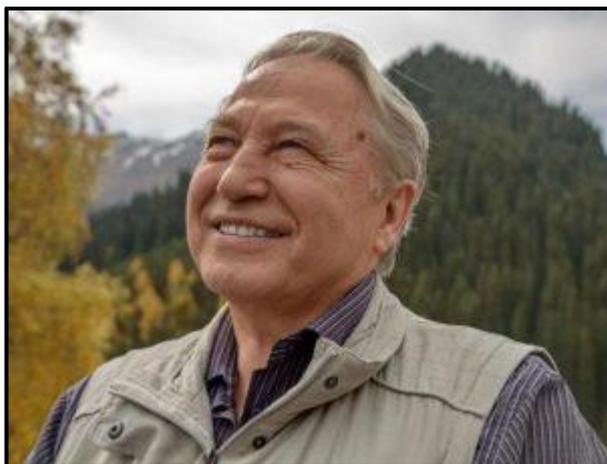
e-mail: rad_element@mail.ru

conference site: <https://portal.tpu.ru/science/konf/radioactivity2>

First circular

Dear friends and colleagues!

National Research Tomsk Polytechnic University announces the **VI International conference "Radioactivity and radioactive elements in the environment"** (September 20-24, 2021), dedicated to the memory of Leonid P. Rikhvanov, D.Sc. in Geology and Mineralogy, Professor, the inspirer and organizer of five previous conferences (1996, 2004, 2009, 2013, 2016).



Leonid P. Rikhvanov

July 31, 1945 – September 16, 2020

D.Sc. in Geology and Mineralogy, Professor, Honoured Scientist of the Russian Federation, Honoured Geologist of the Russian Federation, Honoured Prospector of the Russian Federation, Honoured Worker of Higher Education of the Russian Federation

Leonid P. Rikhvanov founded well-known in Russia and abroad Tomsk Radiogeochemical School that is part of the Siberian Geochemical School, established in TPI (TPU) and the Siberian Branch of the RAS by Felix N. Shakhov, corresponding member of USSR Academy of Sciences. He was the scientific supervisor of 5 D.Sc. and 27 Ph.D. theses. During his work, he published more than 350 scientific papers, including 14 monographs and 12 textbooks. His research interests covered a wide range of issues, including geochemistry of radioactive elements in the environment and radioecology, complex study of mineral deposits concerning the valuable and toxic components, development of technology for predicting hydrocarbon deposits by radiogeochemical methods, development of technology for complex environmental and geochemical conditions assessment, geochemistry of living matter and biogeochemistry.

The conference will also dedicated to:

- 125th anniversary of the radioactivity discovery;
- 125th anniversary of the National Research Tomsk Polytechnic University foundation
- 120th anniversary of geological education in Siberia
- 65th anniversary of the graduation of the first uranium geologists at Tomsk Polytechnic University

The list of preliminary issues to be discussed:

- History of the radioactivity discovery and the development of radioactive raw materials mineral base. Training of specialists
- State and forecast of radioactive raw materials mineral base development
- Breakthrough technologies in forecasting, searching, geological and economic assessment of strategic raw materials deposits, processing technologies
- Geochemistry of radioactive elements in natural and anthropogenic processes and their indicative value
- Radioactive isotopes as indicators of natural processes
- Radioactivity and radioactive elements as an impact factor on biota and humans. Radioactive elements in living matter
- Radioecological problems of the regions
- The problem of radioactive waste and prospects for the development of the nuclear energy industry
- Equipment and methods for measurement of radionuclides content and radioecological parameters. Problems of dose loads assessment from radiation factors
- History of the mining and geological service foundation in Siberia and scientific achievements of the geological departments in TTI-TPI-TPU (1901-2021)

As part of the conference, it is planned to organize the workshop for young scientists "**Chemical elements in the biosphere**" with invited lectures of leading scientists.

Conference working languages: Russian, English

Key dates

First circular	October 26, 2020
Registration deadline	April 1, 2021
Second circular	February 1, 2021
Abstract submission deadline	April 1, 2021
Provisional programme of the Conference	August 30, 2021
Conference	September 20-24, 2021

Registration is made by the following link: <https://forms.gle/HQJ14SNFSUeuBDxT6>

LOOKING FORWARD TO SEEING YOU IN TOMSK!