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The Institute evolved from the Laboratory of Inorganic Chemistry which was founded in 1956 and converted into an institute in 1959. This Institute was later merged with the former Institute of Inorganic Synthesis of the Czechoslovak Academy of Sciences in 1972 to form the present Institute. Pursuant to Act No. 341/2005 Coll., the Institute became a public research institution as of 1 January 2007.

The Institute carries out basic research in inorganic chemistry and in interdisciplinary fields between inorganic chemistry, physical chemistry, solid state physics, ecology, and bioinorganic chemistry.

The work of the Institute is focused on: Research on the preparation, properties and applications of selected inorganic compounds, especially boron hydrides, organo-metal compounds of aluminium and gallium, nanomaterials based on metal oxides, intercalation compounds and special glasses.

Study of the kinetics and mechanisms of inorganic and bioinorganic oxidation-reduction reactions, research on glass phase transitions.

Joint Research Centres

- Joint Laboratory of Low Temperature Physics
A joint department of the Academy's Institutes of Inorganic Chemistry and of Physics, the Faculty of Mathematics and Physics of Charles University and the Faculty of Science of Charles University.

- Laboratory of Inorganic Materials
A joint scientific-pedagogical department of the Academy's Institute of Inorganic Chemistry, and the Institute of Chemical Technology in Prague.

- Academic Laboratory of Material Research of Art Works
A joint establishment of the Academy's Institute of Inorganic Chemistry, and the Academy of Fine Arts in Prague

The Institute publishes *IIC Bulletin*, and in cooperation with the Institute of Chemical Technology in Prague, the journal *Ceramics – Silikáty*.

More detailed information about the organisational structure of the Institute and its research and specialised units can be found at the following URL:
<http://www.iic.cas.cz>