



Boris Burakov: short CV

NAME, DATE AND PLACE OF BIRTH

Boris BURAKOV; 27.08.1964; Chelyabinks region, Russia

CURRENT POSITION

Head of Laboratory,

V.G. Khlopin Radium Institute (KRI), Russian State Corporation for Atomic Energy "ROSATOM".

ADDRESS

V. G. Khlopin Radium Institute, 28, 2-nd Murinskiy Ave., St. Petersburg, 194021, Russia

tel/fax: (7)-(812)-346-11-86; e-mail: burakov@peterlink.ru

PROFESSIONAL PROFILE

- Experienced in material study (XRD; SEM; EMPA; TEM; optical microscopy) of natural and artificial radioactive minerals, crystalline ceramics, glasses, etc;
- Experiments using highly radioactive materials including spent nuclear fuel and actinides;
- Participated in work under conditions of severe nuclear accident in Chernobyl (1990-1992).

EDUCATION

MS Degree, Geology-Geochemistry-Mineralogy, Leningrad State University, former Soviet Union, graduation: June 1986;

Ph.D, Mineralogy, Institute of Chemical Technology, Moscow, December 1991.

D.Sc, Mineralogy and Crystallography, Saint-Petersburg State University, Saint-Petersburg, October 2013

WORKING EXPERIENCE

1985-1986 Laboratory worker in the V.G. Khlopin Radium Institute (KRI);

1986-1991 Engineer-researcher (KRI) – study of uranium ores in Kazakhstan;

1991-2008 Deputy Head of Laboratory (KRI) – synthesis and study of crystalline ceramics and single crystals doped with actinides (Pu, Np, Am);

2008-2013 Chief Scientist (KRI);

2013 - present time Head of Laboratory (KRI) – development, synthesis and study of advanced nuclear fuel, ceramic waste forms and solid radioactive materials, experimental modeling of corium properties and behavior.