

LEV M. ZELENYI
CURRICULUM VITAE

Space Research Institute RAS
Director of Science ~~President

Russian Academy of Sciences
Member of RAS Presidium

Employment

Current Position	President, Space Research Institute (IKI), Moscow
1995 – present	Professor of Space Physics, Moscow Physical-Technical Institute
1972 – 2001	Space Research Institute (IKI) of the USSR (now Russian) Academy of Sciences; Positions held: Junior Researcher, Senior Researcher, Head of Department, Deputy director.
2001 – 2017	Director, Space Research Institute (IKI), Moscow
1990 – 2005	Visiting scientist, UCLA, Space simulation group (3-4 month per year)
2013 – 2017	Russian Academy of Sciences, Vice- president
2017 – now	Russian Academy of Sciences, Member of Presidium

At present

2009- now –	Scientific leader of the Russian Lunar Program,
2013– now	Russian part of EXOMARS and Resonance missions
2013 – present	Chair /Deputy chair of the Space Council of RAS
1995-2006	Principal Scientific Coordinator of INTERBALL program (4 S/C); coordinated efforts of scientists from 14 European countries and Canada in designing and executing multipoint measurements in the Earth's magnetosphere
2010-now	Member, ISSI BOARD OF TRUSTEES
2006-now	COSPAR Bureau Member /Strategic Advisory committee (CSAC)

Primary Theoretical Research Investigations

(resulting in more than 500 papers in Russian, American and International journals and three books.

- Plasma processes in the Earth's magnetosphere (plasma instabilities in the tail and cusp)
- Spontaneous reconnection (tearing mode)
- Field-aligned currents and their filamentation
- Particle acceleration in planetary magnetospheres and solar flares
- Theory and observations of thin current sheets in space plasma
- Nonlinear dynamics and deterministic chaos and their application to properties of particle dynamics in the Earth's magnetotail
- Application of the modern methods of fractal geometry to space physics problems
- Origin of solar system,
- Planetary Physics (Moon, Mars, Venus)
- Dusty Plasma