

## Igor S. Golovin, Prof. Dr.



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Graduated from Tula Polytechnic Institute (now Tula State University) in 1982. PhD dissertation - 1987 (Moscow), Habilitation / Higher Dissertation - 1998 (Moscow). Since 2008 - professor at National University of Science and Technology 'Moscow Institute of Steel and Alloys'.

**Interests:** Functional alloys, crystals, intermetallics, ultrafine grained metals, quasicrystals, hidamets, cellular metallic materials. Phase transitions, ordering, magnetostriction, high damping, mechanisms of relaxation processes in solids. Anelasticity, mechanical spectroscopy, internal friction, neutron diffraction.

### Academic Degrees:

1982	Dipl. Eng. in Materials Science and Heat Treatment of Metals (High Distinction)
1987	PhD in Physics of Metals / Candidate of Science
1991	Senior researcher diploma
1997	Docent diploma
1998	Habilitation / Higher Dissertation: Doctor of Science Diploma in Physics of Solids
2007	Full professor (VAK certificate) in Physics of Metals and Materials Science

### Positions in Russia:

1987 - 1993	Moscow Central Research Institute for Physical Metallurgy, Physics of Metals Department: junior- (1987-88), researcher (1989-90), senior researcher (1990-93)
1993 - 1999	Senior Lecturer (Privat Docent) at Russian State Technology University, Moscow
1999 - 2003	Professor at Russian State Technology University, Moscow (MATI / MAI)
1999 - 2015	Professor at Tula State University (part time), Tula, Russia
2000 - 2007	Research work in Germany (Technische Universität Braunschweig)
2008 - now	<b>Professor at University of Science and Technology MISIS (full time), Moscow, Russia</b>
2021 - now	Professor at Moscow Polytechnic University (part time), Moscow, Russia
2023 - now	Leading scientist at Joint Institute for Nuclear Research (part time), Dubna, Russia

### Research visits and cooperation:

1993	McMaster University, Ontario, Canada (3 months)
1994-1995	Ecole polytechnique fédérale de Lausanne, Switzerland (10 months: SATW grant)
2000-2007, -08, -11	Technical University of Braunschweig, Germany (three DFG and two DAAD projects)
2015, 2018, 2021	University of Münster, Germany (three DAAD projects: 2, 3 and 2 months)
2005	National University of Rosario, Argentina (3 weeks)
2006	Cambridge University, UK (3 months the Royal Society project)
2009, 2010	Universitat de les Illes Balears, Spain (1.5 and 1.5 months)
2011, 2012, 2013	Harbin Institute of Technology / Univ. of Science and Technology, Beijing, China
2012	Constantine Mentouri University, Algeria
2018	National Taiwan University of Science and Technology, BeiHang University, China
2022	Visiting professor University of Lorraine, Metz, France (1.5 months: Metchnikov grant)
2022-2023	High End Foreign Expert (invited professor) at Harbin Institute of Technology, China
2024	Visiting professor University of Lorraine, Metz, France (1 month)

### Memberships:

Editor of Journal of Alloys and Compounds 2018-2023;  
Editorial Board of Journals Solid State Phenomena, Journal of Metallurgy, Frontiers in Materials.

### Member of Scientific Committees of International Conferences:

*Internal Friction and Mechanical Spectroscopy* (IFMS-15 Perugia, Italy, 2008; IFMS-16 Lausanne, Switzerland, 2011; IFMS-17 Hefei, China 2015; IFMS-18 Foz do Iguaçu, Brasil 2018; IFMS-19 Rome 2022-Chairman); Switzerland, 2025, Imperfections Interaction and Anelastic Phenomena in Solids (IIAPS, Tula, Russia: 1997, 2001, 2007(*Co-chairman*)), Structural Relaxation in Solids (Vinnitsa, Ukraine, 2003, 2006, 2009, 2012, 2015), Relaxation Phenomena in Solids (Voronezh, Russia: 1999, 2004, 2010, 2015, 2018\* and 2022\* *Co-chairmen*).

**Publications:** over 340 publications (290 are covered by Scopus, Hirsh index = 36) including 7 books in English and Russian, several review papers, papers in Encyclopedia of Iron.

**Supervisor:** Russian and foreign PhD (from Egypt, China, Germany, Iran) and Master (Ghana, Nigeria, Uganda, India, Myanmar, France, Poland) students, habilitation dissertation.