



Curriculum vitae
Mikhail Katsnelson

Born 10 August 1957, Magnitogorsk, USSR
Married, 2 children

Education, degrees and awards

High school examination in Magnitogorsk, advanced physical-mathematical school #53, 1972

Master of science examination in Theoretical Physics at Department of Physics, Ural State University, Sverdlovsk, 1977. Awarded the Distinguished M. Sc. Diploma

PhD in Solid State Physics at Institute of Metal Physics (Sverdlovsk), 1980, supervisor Prof. Sergey V. Vonsovsky

DSc in Solid State Physics, 1985, Institute of Metal Physics

Professorship in Solid State Physics and in Mathematical Physics in Ural State University, 1992; in Theoretical Physics in Radboud University of Nijmegen 2004

Lenin Komsomol Prize (State Prize for young scientists of the USSR), 1988

Radboud Science Award, 2010

Knight of the Order of the Netherlands Lion, 2011

Honorary Doctor of Uppsala University, 2012

Spinoza Prize (highest scientific award in the Netherlands), 2013

Hamburg Prize for Theoretical Physics, 2016

Advanced Grant of European Research Council, 2013

Synergy Grant of European Research Council, 2019

Elected member of Academia Europaea, 2013

Elected member of Royal Netherlands Academy of Arts and Sciences, 2014

Elected member of Royal Society of Sciences at Uppsala, 2015

Outstanding Referee for the journals of the American Physical Society, 2012

Distinguished Referee for the Europhysics Letters, 2013

Plenary speaker at International Congress on Mathematical Physics, 2015

Working experience (general overview)

Employment: 1977-2003: young researcher, researcher, senior researcher, leading researcher, chief researcher, head of the group in Institute of Metal Physics, Ekaterinburg (former Sverdlovsk), Russia; 1992 - 2001: professor of Ural State University, Ekaterinburg; 2002-2004: visiting scientist, Theoretical Magnetism Group, Uppsala University, Sweden

Present position: professor, head of the group of Theory of Condensed Matter, Radboud University, Nijmegen, The Netherlands

Professional service

Scientific Secretary of Joint Research Council for Physical and Technical Sciences, Ural Division of Russian Academy of Sciences, 1992-1999

Member of Program Board of Lorentz Center (Leiden), 2007-2012

Divisional Associate Editor of Physical Review Letters, 2014-2020

Member of Advisory Editorial Board of Advanced Materials Interfaces, from 2013

Member of Executive Editorial Board of Journal of Physics: Condensed Matter, from 2012

Member of Advisory Editorial Board of Journal of Physics: Condensed Matter, 2009-2011

Member of Advisory Editorial Board of Entropy, from 2020

Editor of Annals of Physics, from 2024

Member of Scientific Advisory Board of Institute for Functional Intelligent Materials, Singapore, from 2024

Organizer of many conferences, **Referee** in many journals

Scientific Publications

Total number of the papers in scientific journals and collections of papers: 878, including: REV MOD PHYS - 3, PHYS REP - 1, ACCOUNTS CHEM RES - 1, MATER TODAY - 1, SCIENCE - 9, NATURE - 7, NATURE MATER - 3, NATURE PHYS - 12, NATURE ELECTRON - 1, NATURE PHOTON - 1, NATURE COMMUN - 15, NPJ 2D MATER APPL - 4, NPJ QUANT MATER - 5, NPJ COMPUT MATER - 7, NPJ QUANT INFORM - 1, PNAS - 10, ADV MATER - 2, ADV SCIENCE - 1, J AM CHEM SOC - 1, NUCLEIC ACIDS RES - 1, NANO LETT - 10, NANO ENERGY - 1, ACS NANO - 3, ACS APPL MATER & INTERFACES - 1, SMALL - 1, CARBON - 1, NANOSCALE - 2, 2D MATER - 9, PHYS REV X - 3, PHYS REV LETT - 78

Total number of citations (24 March 2025) *Web of Science* 100333, $h=109$
Google Scholar 149286, $h=133$

Main monographs

S. V. Vonsovsky and M. I. Katsnelson, *Quantum Solid State Physics*, Berlin etc, Springer, 1989

M. I. Katsnelson, *The Physics of Graphene* (2nd edition), Cambridge etc, Cambridge Univ. Press, 2020