

CURRICULUM VITAE

Alexander V. Krivov

POSITION

Professor of Astrophysics

INSTITUTION

Friedrich Schiller University, Jena, Germany

OFFICE ADDRESS

Astrophysical Institute and University Observatory

Friedrich Schiller University

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EDUCATION AND DEGREES

D. Sc. (Habilitation), 2002, St. Petersburg University

Ph.D., Celestial Mechanics and Astrometry, 1988, Leningrad University

M.Sc. (honors), Astronomy, 1983, Leningrad University

POSITIONS HELD

Professor of Astrophysics, 2004–, University of Jena

Research Scientist, 2000–2004, University of Potsdam

Associate Professor, 1992–2001, St. Petersburg University

Research Scientist, 1988–1992, Leningrad University

Research Assistant, 1983–1988, Leningrad University

AREAS OF EXPERTISE

Extrasolar planetary systems

Debris disks

Cosmic dust

Orbital dynamics

Relativistic celestial mechanics and astrometry (past)

PUBLICATIONS

1 book, 6 book chapters and review papers, 148 contributed papers
(123 in refereed journals)

MAJOR PROJECTS

Principal Investigator, DFG Research Unit

FOR 2285 “Debris Disks in Planetary Systems” (2015–)

AWARDS AND RESEARCH FELLOWSHIPS

Teaching prize of the Faculty for Physics and Astronomy, FSU Jena (2012)

Isaac Newton Fellowship, UK (2009)

Alexander von Humboldt Foundation, Germany (1999-2000)

Jozef Mianowski Foundation, Poland (1997)

SCIENTIFIC STAYS

Isaac Newton Institute for Mathematical Sciences, Cambridge, UK (2 months, 2009)

Max-Planck-Institut für Aeronomie, Katlenburg-Lindau, Germany

(12 months, 1999–2000, 5 months, 1998; 2 months, 1997)

Max-Planck-Institut für Kernphysik, Heidelberg, Germany (1 month, 1999; 1 month, 1998)

Space Research Center, Warsaw, Poland (6 months, 1997)

MAJOR LECTURE COURSES

“Introduction to Astronomy” (in German, 2005–)

“Physics of Planetary Systems” (in English, 2006–)

“Planet Formation” (in English, 2006–2008)

“Celestial Mechanics” (in English, 2002–)

“Introduction to Astronomy” (in Russian, 1990–1999)

“Dust Dynamics” (in English, 1995–1999)

“Computer Programming for Astronomers”(in Russian, 1988–1999)

“Relativistic Celestial Mechanics and Astrometry” (in Russian, 1988–1994)

POST-GRADUATE STUDENTS GUIDED

Christian Kranhold (2020–)

Patricia Luppe (2017–)

Jonas Greif (2016–)

Dr. Fabian Geiler (2016–2021)

Dr. Christian Schüppler (2012–2017)

Dr. Nicole Pawellek (2012–2016)

Dr. Christian Vitense (2009–2012)

Dr. Martin Reidemeister (2008–2013)

Dr. Sebastian Müller (2007–2010)

Dr. Kamel Abdellatif Khalil Gadallah (2007–2010)

PD Dr. habil. Torsten Löhne (2005–2008, D. Sc. in 2015)

Dr. Martina Queck (2005–2008)

Dr. Martin Makuch (2002–2007)

Dr. Valeri V. Dikarev (1996–1999)

PROFESSIONAL AND COMMUNITY SERVICES

Co-Investigator in space mission programs:

Herschel, Open Time Key Program DUNES, 2007–2013

Herschel, Open Time Key Program GASPS, 2007–2013

Collaboration with dust experiment teams of space missions:

Galileo, 1998–2006

Cassini, 1998–2006

Mars-96, 1990s

Phobos-2, 1989

Reviewer in international journals: AAp, ApJ, GRL, Icarus, MNRAS, PSS, and others

Reviewer of scientific proposals

Member of the Faculty for Physics and Astronomy Council, FSU Jena (2013–2019)

Chair and member of organizing committees of scientific conferences

Chair and member of evaluating committees for D. Sc. and Ph. D. theses

MEMBERSHIPS

International Astronomical Union (1997–)

Division for Planetary Sciences of American Astronomical Society (2001–)

COSPAR (associate, 1996–)