

CURRICULUM VITAE

First and last names: Nikita Karpenko

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- Diplomas

- June 1988: Diploma in mathematics, Leningrad State University
- June 1990: Ph.D. in mathematics, Leningrad State University (thesis title: “Chow ring of projective quadric”; thesis advisor: Prof. A. Merkurjev)
- May 1998: Venia Legendi for mathematics, Westfälische Wilhelms-Universität zu Münster (Germany) (thesis title: “Cohomological Invariants of Homogeneous Varieties (with Applications to Quadratic Forms and Central Simple Algebras)”) presented by Prof. W. Scharlau

- Main positions held

- 1988 – 1992: assistant professor, Leningrad State University
- 1992 – 1999: teaching researcher, Universität Münster
- 1993 – 1994: visiting researcher, Eidgenössische Technische Hochschule Zürich (Switzerland)
- 1996 – 1997: visiting researcher, Université de Franche-Comté à Besançon (France)
- 1999 – 2006: professeur des universités (mathématiques), Université d’Artois (France)

- 2006 – 2013: professeur des universités (mathématiques), Institut de Mathématiques de Jussieu, Université Pierre et Marie Curie – Paris 6 (France)
- 2013 – present: Centennial Professor, University of Alberta (Canada)

- Distinctions

- from 2003: member of the Institut universitaire de France
- 2004: member of the Institute for Advanced Study, Princeton (New Jersey)
- 2008: invited speaker of the 5-th European Congress of Mathematics (Amsterdam)
- 2010: invited speaker of the International Congress of Mathematicians, ICM 2010 (Hyderabad)
- 2013: The Faculty of Arts and Science Dean’s Distinguished Visiting Professor, Department of Mathematics, University of Toronto
- 2014: Humboldt Research Award

- Field of specialization

algebra and algebraic geometry:
 application of methods of algebraic geometry (algebraic K -theory, K -cohomology, Chow groups, Steenrod operations, Chow motives) to the algebraic theory of quadratic forms, central simple algebras, central simple algebras with involution; affine algebraic groups over arbitrary fields, projective homogeneous varieties.