

# Curriculum vitae

## Nasko Karamanov

- date of birth : 30.03.1977
- place of birth : Strumica, Macedonia
- nationality : macedonian

### Coordinates

- Personal address :  
91 SemperStrasse  
44805 Bochum
- Professional address :  
Ruhr-Universität Bochum  
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Universitätsstr. 150  
Raum NA 1/75  
44780 Bochum
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### Education

- june 1995 : Bachelor degree, Macedonia
- june 1996 : First year at the University "St Kiril i Metodij"-Skopje, Macedonia
- june 1997 : DEUG of Mathematics (ULP-Strasbourg)
- june 1998 : Licence of Mathematics (ULP-Strasbourg)
- june 1999 : Maitrise of Mathematics (ULP-Strasbourg)
- september 2000 : Magistère of Mathematics (ULP-Strasbourg)
- september 2000 : DEA (MASTER) of Mathematics (ULP-Strasbourg)
- january 2006 : Doctorat of Mathematics, mentor Hans-Werner Henn (ULP-Strasbourg)

### Awards

- Bronze medal at the International Mathematical Olympiad, Istanbul, Turkey, 1993
- Honorable mention at the International Mathematical Olympiad, Hong Kong, 1994

- Silver medal at the International Mathematical Olympiad, Toronto, Canada 1995
- Silver medal at the International Mathematical Olympiad, Plovdiv, Bulgaria, 1995

## Programing languages and software knowledge

- Pascal, C
- MAPLE

## PhD

- **Title**

*A propos de la cohomologie du deuxième groupe stabilisateur de Morava ; application aux calculs de  $\pi_*(L_{K(2)}V(0))$  et du groupe  $Pic_2$  de Hopkins.*

*On the cohomology of the second Morava stabilizer group ; Application to  $\pi_*(L_{K(2)}V(0))$  and  $Pic_2$*

- **Date and place of defense**

30 january, 2006

University Louis Pasteur, Strasbourg, France

- **mentor**

Hans-Werner Henn

- **Jury**

Hans-Werner Henn	Mentor
Gerd Laures	Examinator
Jean-Louis Loday	Examinator
Mark Mahowald	External repporter
Lionel Schwartz	External repporter
Jean-Pierre Wintenberger	Internal repporter

## Domain of research

Algebraic topology, chromatique stable homotopy theory, resolution of the  $K(n)$ -local sphere in terms of hopotopy fixed point spectra, homotopy groups of the Moore spectrum,  $\pi_*L_{K(2)}S^0$ , Hopkins' Picard group  $Pic_n$ , cohomology of groups, complex cobordism, TMF, modular forms, elliptic curves

## Professional Contracts/Invitations/Postdoc

- 2000-2003 : "Allocataire de recherche" at ULP-Strasbourg (research contract)
- 2000-2003 : "Moniteur" at ULP-Strasbourg (teaching contract)
- 2003-2004 : "demi-ATER" at ULP-Strasbourg (research and teaching)
- april 2004 : Northwestern University, Evanston, USA, by Paul Goerss and Mark Mahowald
- 2004-2005 : "demi-ATER" at ULP-Strasbourg (research and teaching)
- october-december 2005 : University of Münster, by Wolfgang Luck and Tilman Bauer
- january-june 2006 : Institute Mittag-Leffler, Sweden, Invitation by Bjorn Jahren, Kathryn Hess and Bob Oliver, special semester algebraic topology
- october 2006-april 2007 : post-doc, Institut Max-Planck, Bonn
- may 2007-july 2007 : post-doc, Graduiertenkolleg 1150 Homotopy and Cohomology, Bonn
- september 2007-august 2008 : post-doc, Ruhr-Universität Bochum, by Gerd Laures
- 15.10.2008 - 30.09.2009 : Wissenschaftlichen Mitarbeiter at Ruhr-Universität Bochum
- 15.12.2009 - 30.05.2010 : Wissenschaftlichen Mitarbeiter at Regensburg University
- 15.06.2009 - 15.08.2010 : Max Plank Institute Bonn, coloboration with Paul Goerss, Mark Mahowald and Hans-Werner Henn

## Given Talks (on personal research)

- june 2005 : Joint Meeting of AMS, DMV, and ÖMG, Mainz
- december 2005 : Oberseminar Topologie, University of Münster
- october 2005 : Colloque du GDR "Topologie Algèbrique et Applications", Lille, France
- march 2006 : Institut Mittag-Leffler , Stockholm, Sweden
- october 2006 : University of Bonn
- january 2007 : Institut Max-Planck, Bonn
- november 2007 : Ruhr-Universität Bochum
- october 2008 : Colloque du GDR "Topologie Algèbrique et Applications", Paris, France
- november 2008 : 10th NRW Meeting , Bochum
- October 2009 : University of Osnabruck