

Scientific curriculum vitae

Name, given name : Lê, Hồng Vân.

Degrees : Ph.D., Dr. Sc.

Field of Interests: Differential Geometry, Symplectic Topology, Global Analysis, Algebraic Topology, Representation Theory, Statistical Machine Learning.

Educations:

20.6.1983: Diplom (M.Sc.) in Mathematics, Moscow State University.

09.01.1987: Ph.D. in Mathematics, Moscow State University.

06.04.1990: Dr. Sciences, Moscow State University.

Prizes and Awards:

1990: Prize of the Moscow Mathematical Society.

1991: Prize of the ICTP.

1994-1998: Heisenberg fellowship of the DFG.

Professional activities till 2010:

Since December 2005: Senior Researcher of the Mathematical Institute of ASCR

2007-2010: Principal investigator of the Grant Project Nr.100190701 of the Czech Academy of Sciences “Manifolds with special geometric structures”

2005-2011: Member of the Research Grant Nr LC505 “Eduard Czech Center for Algebra and Geometry” of MŠMT

1999-2005: Research associate of the Max-Planck-Institute of Mathematics in Leipzig

2000-2005: Member of the DFG-Graduate School “Analysis, Geometry and their interaction with natural sciences” of the Leipzig University

1997-1998: Heisenberg fellow at the Institute of Mathematics, University Leipzig

1994-1997: Heisenberg fellow at the Max-Planck-Institute for Mathematics in Bonn

1994-1998: Heisenberg fellow of DFG

1992-1993: Guest researcher at the Max-Planck-Institute for Mathematics in Bonn

1991: Guest researcher at the International Centre for Theoretical Physics, ICTP, Trieste

1990-1991: Researcher at the Institute of Mathematics in Hanoi

Professional activities since 2010:

2018-2020: Principal Investigator of the joint German-Czech Research Grant 18-01953J “Geometric methods of statistical learning theory and its applications.

2018-2020: Principal Co-Investigator of the Czech Grant project GACR-18-00496S “Singular spaces from special holonomy and foliations. *2015:* Member of the program committee of the second GIS Conference, Paris, October 2015. *2014:* Gambinus fellow of the Dortmund University, Dortmund.

2013: Member of the program committee of the first Geometric Science Information (GIS) Conference, Paris, August 2013.

2012-2014: Visiting Professor of Vietnam National University for Sciences, supervision of the Bachelor Thesis of Tran Do.

2007-2011: Foreign Professor of the Abdus Salam School of Mathematics, Lahore-Pakistan, supervision of the Ph.D. Thesis of Munir Mobeen (Munir Mobeen has been awarded Ph.D. degree in 2011.)

Invitations to lectures, conferences and scientific visits since 2013

- March 2013, Invited lecture at the 6th World Conference: Mathematics in the 21st Century, Lahore, Pakistan.
- April 2013, Lecture series at the Vietnam National University for Sciences, Hanoi, Vietnam.
- April 2013, Lecture at the Institute of Mathematics of ASVR, Hanoi, Vietnam.
- April 2013, Colloquium lecture at the Vietnam Institute for Advanced Mathematical Studies (VIAMS), Hanoi, Vietnam.
- August 2013, Invited lecture at the first Geometric Information Sciences Conference, Paris, France.
- August-September 2013: Visit of the Max-Planck-Institute for Mathematics, Leipzig, Germany.
- October 2013, Lecture series at IBS, Center for Geometry and Physics, Pohang, South Korea.
- March 2014, Conference on Lorentzian and Conformal Geometry, Greiswald, Germany.
- April 2014, Lecture at the Humboldt University, Berlin, Germany.
- June 2014, Lecture at the Dortmund University, Dortmund, Germany.
- September 2014, Visit of the Max-Planck-Institute for Mathematics, Leipzig, Germany.
- October 2014, ICTP 50th Anniversary conference, Trieste, Italy.
- November 2014, Gambrinus lecture and visiting Professor of the Dortmund University, Dortmund, Germany.
- November 2014, Lecture series at the Salerno University, Salerno, Italy.
- February 2015, Visit of the Max-Planck-Institute for Mathematics, Leipzig, Germany.
- March 2015, Plenary lecture at the conference on Geometric Algebraic Methods in Mathematical Physics, Dortmund, Germany.
- September 2015, Lecture at the Max-Planck-Institute for Mathematics in Leipzig, Germany.
- October 2015, Invited lecture at the Workshop on Integrable Nonlinear Equations, Mikulov, Czech Republic.
- December 2015, Visit of the RIMS, Kyoto University, Japan.
- December 2015, Lecture at the Osaka City University, Japan.
- February 2016, Visit of the Max-Planck-Institute for Mathematics, Leipzig, Germany.
- May 2016, Lecture at the University of Toulouse III, Paul Sabastier, France.
- June 2016, Invited lecture at the conference Information Geometry and its Applications IV, Liblice, Czech Republic.
- July 2016, Lecture at the international conference on Differential Geomerty and its Applications, Brno, Czech Republic.
- September 2016, Visit of the Max-Planck-Institute for Mathematics, Leipzig, Germany.
- January 2017, Winter School Geomery and Physics, Srni, Czech Republic.
- February 2017, Visit of the Max-Planck-Institute for Mathematics, Leipzig, Germany.
- September 2017, Visit of the Max-Planck-Institute for Mathematics, Leipzig, Germany.
- November 2017, Invited lecture at the third Geometric Information Sciences Conference, Paris, France.
- December 2017, Lecture at the Universite libre de Bruxelles, Belgium.
- January 2018, Winter School Geometry and Physics, Srni, Czech Republic.
- February 2018, Visit of the Max-Planck-Institute for Mathematics, Leipzig, Germany.
- April 2018, Invited lecture at the AMS meeting, Boston, USA.
- April 2018, Lecture at the GIT, Atlanta, USA.
- May 2018, Lecture at the conference XX Geometrical Seminar, Vrnjaka Banja, Serbia.
- July 2018, Lecture at The 32nd International Colloquium on Group Theoretical Methods in Physics, Praha, Czech Republic.
- August 2018, Public lecture series at the VIASM, Hanoi, Vietnam.
- December 2018, Visit RIMS, Kyoto, Japan.