Curriculum vitae

Full name: Eduard Feireisl

Date and place of birth: 16 December 1957; Kladno, Czechoslovakia

Nationality: Czech

Family situation: Married, 3 children

Education

- **1973-1977** Grammar School, Nové Strašecí, Czechoslovakia

- **1977-1982** Faculty of Mathematics and Physics, Charles University, Prague, RNDr degree 1982

- **1982-1986** Research Student, Institute of Mathematics of the Czechoslovak Academy of Sciences, Prague, CSc degree (Ph.D. equivalent) 1986

Academic Career

- **1999** Doctor of Science (DrSc degree), Academy of Sciences of the Czech Republic

- **2009** Docent habilitation, Faculty of Mathematics and Physics, Charles University, Prague

- **2011** Full Professor, Faculty of Mathematics and Physics, Charles University, Prague

Appointments and Professional activities

1986-1988 Assistant Professor, Department of Mathematics, Czech Technical University, Prague
1988-present Research Worker, Institute of Mathematics, Czech Academy of Sciences, Prague
1989 6 month stay at the University of Oxford under the Soros scholarship scheme
1993-1994 Sabbatical Leave (12 months), Universidad Complutense de Madrid
1998 6 months teaching at Université de Franche Comté, Besançon, France
1999 6 months teaching at Université de Franche Comté, Besançon, France
2000 3 months teaching at Ohio University, Athens, Ohio, U.S.A.
2001-2003 12 months teaching at Université de Henri Poincaré, Nancy, France
2004-2005 5 months teaching at Technische Universitaet, Munich, Germany
2008-2010 Distinguished Visiting Professor at CEU Budapest, 1 regular course/year
2012 Erwin Schroedinger Institute, Vienna, Senior Research Fellow, Advanced Graduate Lecture Course
2018–2021 Technische Universitaet Berlin, Einstein Fellow

VISITING POSITIONS (1 MONTHS AND MORE)

1991 Federal University of Rio de Janeiro, University of Pisa, CMAF Lisboa

1992 Universidad Complutense de Madrid

1994 University of Pisa, Italy, ENS Cachan, France

1996 Université de Franche Comté, Besançon, France

1997 Institute Elie Cartan, Nancy, France

1998 Institute Elie Cartan, Nancy, France

2000 Université du Sud Toulon-Var, France, Chinese Academy of Sciences, Beijing, China

2001 Waseda University, Tokyo, Japan

2002 Université du Sud Toulon-Var, France

2003 Université du Sud Toulon-Var, France

2004 Chinese University of Honkong, Université du Sud Toulon-Var, France

2005 Université de Toulouse III, France

2006 Université du Sud Toulon-Var, France

2007 Université du Sud Toulon-Var, France

2008 Université du Sud Toulon-Var, France, Centre for Advanced Studies, Oslo, Norway

2009 Université du Sud Toulon-Var, France, Chinese Academy of Sciences, Beijing, China

2010 Université du Sud Toulon-Var, France, BCAM Bilbao, Spain

2011 Université de Paris Sud, Orsay, France, BCAM Bilbao, Spain, Chinese Academy of Sciences, Beijing, China

2012 Ecole Polytechnique, Palaiseau, France, Université du Sud Toulon-Var, France

2016 Gran Sasso Science Institute, L'Aquilla, Italy, SCIAS Fellow University of Wuerzburg, Germany, INSA Lyon, France

2017 IMPAN Warsaw, Poland, Universitá di Milano, Italy

2018 Université de Poitiers, France, INSA Lyon, France, University of Wuerzburg, Germany

2019 University of Mainz, Germany

2020 University of Busan, Université Lyon I, France, JGU University Mainz, TU Bielefeld

Organization of international conferences

- Chair of the Scientific Committee, 6th European Congress of Mathematics, Cracow, Poland, 2012
- Chair of the Scientific Committee, Equadiff 13, Prague, 2013
- Member of the Scientific Committee, Equadiff conferences in Hasselt 2003, Vienna, 2007, Loughborough, 2011, Lyon 2015, Bratislava 2017
- Member of the Scientific committee, HYP 2006 Lyon, France, and HYP 2020 Malaga, Spain

- Regular organization of international schools EVEQ (4 years period)

- Regular organization of international schools Mathematical Fluid Dynamics (2 years period)

- Member of the Scientific committee, SIAM PDE conference, Baltimore 2017

Publications

308 items registered by MathSciNet, among which 7 monographs, 16 chapters in collective monographs

Selected lectures at international conferences

- Invited lecture at ICM 2002, Beijing 2002

- Plenary lecture at Navier-Stokes equations and applications, Kyoto 2006

- Plenary lecture at Mathematical hydrodynamics, Moscow 2006

- Key note lecture at Equadiff 07, Vienna 2007

- Invited lecture at Free boundary problems, Chiba, Japan 2007

- Plenary lecture at International conference dedicated to the 100th anniversary of the birthday of S.L. Sobolev, Novosibirsk, Russia 2008

- Plenary lecture at SIAM conference on analysis of PDE's, Miami, FL, U.S.A. 2009

- Plenary lecture at 2010 International conference on applied analysis, Shanghai 2010

- Plenary lecture at Abel Symposium, Oslo 2010

- Plenary survey lectures at Nonlinear dynamics in partial differential equations, Fukuoka 2011, Japan

- Plenary lecture at HYP 2012 conference, Padova, Italy

- Plenary lecture at The 9th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Orlando, Florida, USA

- Plenary lecture at International conference on Differential Equations, Function Spaces, Approximation Theory dedicated to the 105th anniversary of the birthday of S.L. Sobolev, Novosibirsk, Russia 2013

- Plenary lecture at STAMM conference, Poitiers, 2014

- Plenary lecture at Symposium on Nonlinear Analysis, Torun, 2015

- Plenary lecture at The Navier-Stokes Equations and Related Topics, Nagoya, Japan, 2016

- Invited lecture at DEA 2019, Krakow, 2019

- Plenary lecture at Dynamics Days Europe, Rostock, 2019

- Plenary lecture at ENUMATH, Egmond aan Zee, Netherlands, 2019

Most important externally funded projects

ERC Advanced Grant Project 320078 MATHEF, 2013–2018
Einstein Fellow, Einstein Stiftung Berlin, 2018–2021

Awards

Prize of the Academy of Sciences of the Czech Republic 2004

Praemium Academiae 2007-2013

Prize of the Academy of Sciences of the Czech Republic 2009

The Neuron Award for Contribution to Science - 2015

Golden Medal of the Charles University - 2017

Bernard Bolzano Medal - 2017

Scientometry

- MathSciNet: over 5041 citations by more than 1693 authors
- WOS: over 3502 citations (self-citations excluded), h-index 33

5 selected publications

- Feireisl, Eduard: Dynamics of viscous compressible fluids. Oxford Lecture Series in Mathematics and its Applications, 26. Oxford University Press, Oxford, 2004. xii+212 pp

- Feireisl, Eduard; Pražák, Dalibor Asymptotic behavior of dynamical systems in fluid mechanics. AIMS Series on Applied Mathematics, 4. American Institute of Mathematical Sciences (AIMS), Springfield, MO, 2010. xii+298 pp

- Feireisl, Eduard; Karper, Trygve G.; Pokorný, Milan Mathematical theory of compressible viscous fluids. Analysis and numerics. Advances in Mathematical Fluid Mechanics. Lecture Notes in Mathematical Fluid Mechanics. Birkhäuser/Springer, Cham, 2016. xii+186 pp.

- Feireisl, Eduard; Novotný, Antonín Singular limits in thermodynamics of viscous fluids. Second edition. Advances in Mathematical Fluid Mechanics. Birkhäuser/Springer, Cham, 2017. xlii+524 pp.

- Breit, Dominic; Feireisl, Eduard; Hofmanová, Martina Stochastically forced compressible fluid flows. De Gruyter Series in Applied and Numerical Mathematics, 3. De Gruyter, Berlin, 2018. xii+330 pp