

## 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'Aquila, Italy, SCIAS Fellow University of Wuerzburg, Germany, INSA Lyon, France  
**2017** IMPAN Warsaw, Poland, Università 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  
**2021** Warsaw University, JGU University Mainz  
**2022** TU Dortmund, JGU University Mainz, BCAM Bilbao, Imperial College London (Nelder Fellow), University of Busan  
**2023** IMPAN Warsaw, Kyushu University, Fukuoka

## EDITORIAL BOARDS

- Applied Mathematics and Optimization
- Archivum Mathematicum
- Central European Journal of Mathematics (till 2015)
- Czechoslovak Mathematical Journal
- Discrete and Continuous Dynamical Systems Ser.A
- Discrete and Continuous Dynamical Systems Ser.S (till 2011)
- EMS Surveys in Mathematical Sciences
- Journal of Applied Analysis and Computations
- Journal of Differential Equations
- Journal of Evolution Equations
- Journal de l'Ecole polytechnique (till 2018)
- Journal of Mathematical Fluid Mechanics
- Mathematica Bohemica (till 2018)
- Mathematical Models and Methods in Applied Sciences (M3AS)
- Nonlinear Analysis, Theory, Methods and Applications (till 2011)
- NoDEA
- Nonlinear Analysis, Real World Applications
- SIAM Journal of Mathematical Analysis

## 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

#### OTHER ACTIVITIES

- Panel member of ERC Synergy grants 2018, 2020
- Member of the Fields Medal Selection Committee 2018

#### PUBLICATIONS

355- items registered by MathSciNet, among which 8 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
- Plenary lecture at HYP 2022 conference, Malaga, Spain
- Plenary lecture at GAMM Annual Meeting, Aachen, Germany, 2022

#### 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 6814 citations by more than 2232 authors
- WOS: over 4806 citations (self-citations excluded), h-index 39
- google scholar: 11929 citations, h-index 54

#### 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
- Feireisl Eduard, Lukáčová–Medvidčová Mária, Mizerová Hana, She Bangwei Numerical Analysis of Compressible Fluid Flows. Springer, Cham, 2021, lx+482 pp
- Feireisl, Eduard, Novotný, Antonín Mathematics of Open Fluid Systems Birkhäuser/Springer, Cham, 2022. xxv+282 pp.