NEWSLETTER

of the Work Group Mathematical Fluid Mechanics

Newsletter no. 4 (2026)

a group photo of former PhD students of mine attending the Monday evening reception at my house

Pictures from the Würzburg conference on hyperbolic problems March 23 - 27, 2026

The conference *Hyperbolic problems – a comprehensive approach* took place in Würzburg March 23 - 27. The invited speakers presented a spectrum of academic subjects that I worked on during my life. It was wonderful to have these colleagues present, who constitute a network of friends that also helped carry me through my life.

The lectures spanned a comprehensive range in hyperbolic equations: theory, numerics and astrophysical applications. Also several former PhD students attended. All in all I am grateful for this special week in my life.

a group photo with many of the attendees

Lukas Einkemmer and Qin Li

music at the reception at my house with Emil Wiedemann and my wife
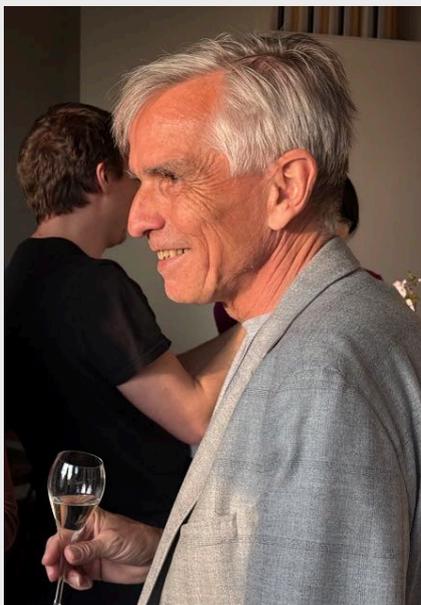
Volker Springel and myself

Chi-Wang Shu and Yinhua Xia at a dinner reception at my house

Eduard Feireisl

Newsletter no. 4 (2026) (two pages)

Upcoming scientific conferences

Click on the links and check where you might want to participate.

- March 30 - April 4, 2026: *International Conference on high-order nonlinear numerical methods for evolutionary PDE* (HONOM) in Trento, Italy, organized by Michael Dumbser

-     May 4 - 8, 2026: *Sharing Higher order Advanced Research Known-how on Finite Volume* (SHARK-FV 2026) in Minho, Portugal, organized by Raphael Loubère and others

-     May 25 - 29, 2026: *20th International Conference on Hyperbolic Problems (HYP2026)*: Theory, Numerics and Applications, in Stuttgart, Germany organized by Maja Lukacova und Christian Rhode

- June 1 - 5, 2026: *Perspectives on Multiphase Fluid Dynamics, Continuum Mechanics and Hyperbolic Balance Laws* (ProHyp2026), in Strasbourg, organized by Philippe Helluy and others

- June 7 - 13, 2026: Summer School *"Methods & Models of Kinetic Theory"*, in Pesaro (Italy), organized by Maria Groppi and others

-     June 21 - 26, 2026: *Solving ultimate challenges and network building: a coding and modelling week on and beyond hyperbolic equations* (SunHyp 2026) in Chania, Crete, organized by Elena Gaburro

-     July 19 - 24, 2026: *17th World Congress on Computational Mechanics & 10th European Congress on Computational Methods in Applied Sciences and Engineering*, in Munich, Germany

- Sept. 7 - 11, 2026: *12th International Conference on Numerical Methods for Multi-Material Fluid Flow* (MultiMat 2026) at Biarritz, France, organized by Raphael Loubère and others

-     Feb. 22 – 26 , **2027**: *SIAM Conference on Computational Science and Engineering (SCE27)*, in Pittsburgh, Penn., USA.

-     June 20 - 25, 2027: Numerical Methods for Hyperbolic Problems (NumHyp 2027), in Verona 2027 organized by Elena Gaburro

-     5 - 9 July 2027: *International Conference on Spectral and High-Order Methods* (ICOSAHOM 2027), in Milan organized by Marco Verani, Paola Antonietti and others

-     12 – 16 July 2027: *11th International Congress on Industrial and Applied Mathematics (ICIAM)*, in The Hague, The Netherland

Elena Gaburro and Michael Dumbser