

NEWSLETTER

of the Work Group Mathematical Fluid Mechanics

9th newsletter

Today the newsletter contains some personal news (BR). I thought it might be fun for you to see that. - On page 2 you find an updated list of conferences.
Christian Klingenberg

Jonas Berberich receives a commendation for good teaching

In order to encourage good teaching, the university gives out a monetary bonus to university personal that distinguished themselves through their high level of teaching. This year Jonas Berberich received such a bonus

Congratulations, Jonas, for this well deserved award.

~~MEMORABLE EVENTS~~ a recent birthday:

Dec. 1: Lena Baumann

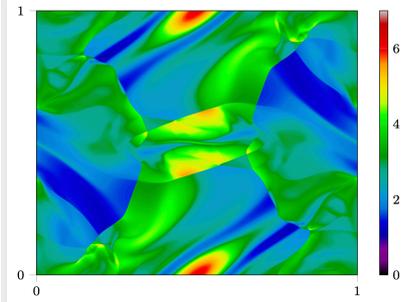


Bayerischer Rundfunk comes to our house



Next year the *Mozartfest Würzburg* will be 100 years old. One of its concerts will take place in our house, in the spirit of our house concerts, [see here](#). The Bayerische Rundfunk decided to report on this by interviewing the artistic director of the Mozartfest in our house, being the venue of one of its concerts. They also asked me a question. See the result [here](#).





An MHD simulation of the Orzag-Tang vortex (taken from [this joint paper with Philippe Helluy](#)). A new variant of the Lattice Boltzmann method is being used.

Upcoming scientific conferences in 2021

Marlies and Wasilij have made updates to this list.

I encourage you to click the links and check, where you may want to participate.

2021:

- Jan. 11 - 15: [WCCM-ECCOMAS 2020](#): World Congress on Computational Methods, online.
- March 1 - 5: Oberwolfach: [Hyperbolic Balance Laws: modeling, analysis, and numerics](#), organized among others by Remi Abgrall and Maria Lukacova
- March 1 - 5, [SIAM Conference on Computational Science and Engineering](#), online
- March: Special program on Numerical Methods for Nonlinear Hyperbolic PDEs; at SUSTech, Shenzhen, China: organized by Alex Kurganov (still in its planning stage)
- March 22- 26: [Kinetic Equations: From Modeling, Computation to Analysis](#), in Marseille, France, organized by Shi Jin (still in its planning stage)
- March 22 - 26: [HIGH ORDER NONLINEAR NUMERICAL METHODS FOR EVOLUTIONARY PDEs: THEORY AND APPLICATIONS \(HONOM\)](#) in Braga, Portugal, organized by Raphael Loubère und Stephane Clain
- April: [Nils-Henrik Risebro's birthday conference](#) in Oslo, Norway (still in its planning stage)
- May 24 - 28: [The Legacy of Carlo Cercignani: from Kinetic Theory to Turbulence Modeling](#) Milan, Italy, organized among others by Tommaso Ruggeri
- May: [Sharing Higher-order Advanced Research Know-how on Finite Volume \(SHARK-FV\)](#) in Portugal, organized by Raphael Loubère und Stephane Clain (still in its planning stage)
- June 21 - 24: [SIAM Conference on Mathematical & Computational Issues in the Geosciences \(GS21\)](#), in Milan, (still in its planning stage)
- June 28 - July 2: [18th International Conference on Hyperbolic Problems, Theory, Numerics, Applications](#) (HYP 2020), (still in its planning stage)
- July 5 - 9: [THE BOLTZMANN EQUATION: IN THE TRAIL OF TORSTEN CARLEMAN](#), near Stockholm, Sweden
- July 12 - 16: [International Conference on Spectral and Higher Order Methods](#) ICOSAHOM 2020, Vienna (still in its planning stage)
- Sept. 6 - 10: [10th International Conference on Numerical Methods for Multi-Material Fluid Flow \(MULTIMAT 2021\)](#) in Zürich, organized by Remi Abgrall

2022:

- July 18 - 22, 2022: [When Kinetic Theory meets Fluid Mechanics](#), Zürich