

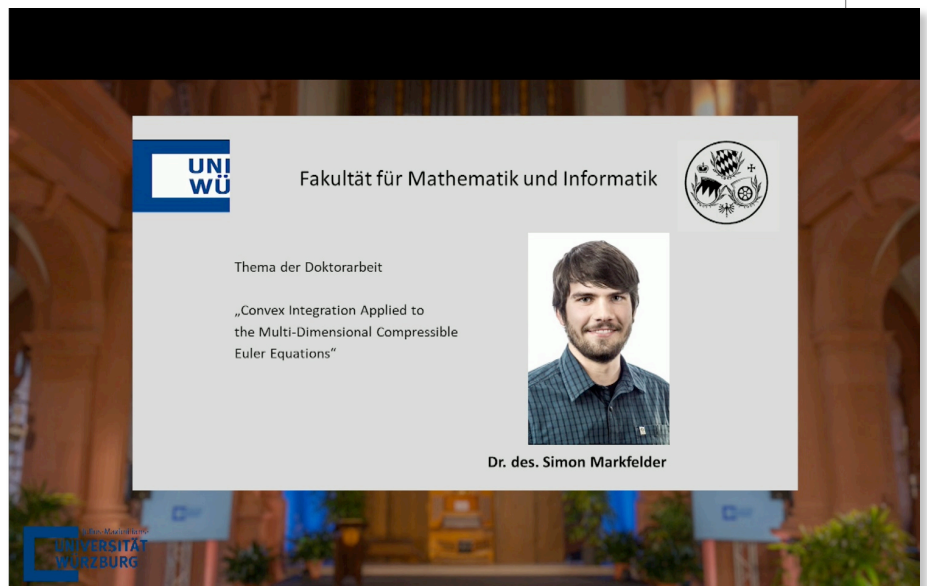
NEWSLETTER

of the Work Group Mathematical Fluid Mechanics

Newsletter no. 12 (2021)

Kathrin Hellmuth receives PhD stipend by Hanns-Seidel Stiftung

Kathrin Hellmuth had applied for a PhD stipend with the *Hanns-Seidel Stiftung*. She just received the news that she was awarded this stipend. She plans to take it up in Oktober of this year.



Simon Markfelder's prize ceremony last week for his thesis

The *Unterfränkische Gedenkjahrstiftung für Wissenschaften* had their online prize ceremony last week. There Simon Markfelder received this prize for having written the best thesis in mathematics at Würzburg University in 2020.

Workshop Jan 10 - 14, 2022 on mathematical modeling of living tissues

A mathematical research institute in Paris, the Institut Poincaré, invites guests for special emphasis topics. Jan - April 2022 the topic, organized among others by Benoit Perthame, will be on [Math Biology](#), see the poster below.

In January there will be a one week workshop on [Tissue growth and movement](#), again co-organized by Perthame.

January 10th to April 1st, 2022

Organizers:

Luis Almeida (CNRS & Sorbonne Université)
 Vincent Calvez (CNRS & Université Claude Bernard)
 Marie Doumic (Inria, Paris)
 Benoit Perthame (Sorbonne Université)
 Patricia Reynaud-Bouret (CNRS & Université Côte d'Azur)



Mathematical modeling of organization in living matter

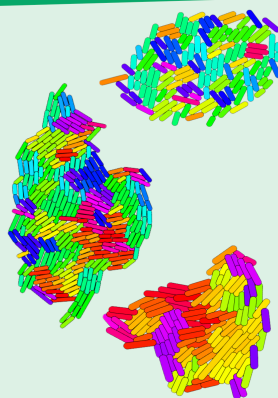
Thematic program with short courses, seminars and workshops

Tissue growth and movement
 January 10th to 14th, 2022

Mathematical modeling and statistical analysis in neuroscience
 January 31st to February 4th, 2022

Mathematical models in ecology and evolution
 March 21st to 25th, 2022

CIRM Closing School
 March 28th to April 1st, 2022 (Marseille)



Ongoing seminar series

Here is an ongoing online seminar series, where past lectures can be viewed online: [Fifty Years of Kruzhkov Entropy Solutions](#).

Upcoming scientific conferences

Go ahead and click the links to check where you might want to participate.

2021:

- May 17 - 21: [Advances and Challenges in Hyperbolic Conservation Laws](#), at Brown University in honor of Dafermos, online
 - May 24 - 28: [The Legacy of Carlo Cercignani: from Kinetic Theory to Turbulence Modeling](#) Milan, Italy, organized among others by Tommaso Ruggeri
 - June 14 - 18: [Numerical Methods for Kinetic Equations 'NumKin21'](#), online workshop organized among others by Shi Jin, register by April 30
 - June 21 - 24: [SIAM Conference on Mathematical & Computational Issues in the Geosciences \(GS21\)](#), in Milan, to be held online
 - July 2: [18th International Conference on Hyperbolic Problems, Theory, Numerics, Applications](#) - Part 1 (formerly HYP 2020), one day online with lectures by Dafermos, Min Tang and others
 - 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 (online only), Wasilij and myself have organized a mini-symposium there
 - July 26 - 30: [Numerical methods for hyperbolic problems, NumHyp2021](#) in Trento (hybrid), organized by Michael Dumbser
 - Sept. 12 - 18: [Hirschegg Workshop On Conservation Laws](#) in Kleinwalsertal in Austria, organized by among others Gerald Warnecke
 - fall: Special program on Numerical Methods for Nonlinear Hyperbolic PDEs; at SUSTech, Shenzhen, China: organized by Alex Kurganov (still in the planning stage)
- ### 2022:
- Jan. 10 - 14: [Workshop on tissue growth and movement](#), at the Poincaré Institute in Paris, co-organized by Perthame
 - some time in spring: [HIGH ORDER NONLINEAR NUMERICAL METHODS FOR EVOLUTIONARY PDES: THEORY AND APPLICATIONS \(HONOM\)](#) in Braga, Portugal, organized by Raphael Loubère und Stephane Clain
 - end of 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 20 - 25: HYP2022: [18th International Conference on Hyperbolic Problems, Theory, Numerics, Applications](#) - Part 2 (formerly HYP 2020), in Malaga, Spain, organized by Carlos Pares
 - July 18 - 22, 2022: [When Kinetic Theory meets Fluid Mechanics](#), Zürich
 - Sept. 5 - 9, 2022: [10th International Conference on Numerical Methods for Multi-Material Fluid Flow \(MULTIMAT 2021\)](#) in Zürich, organized by Remi Abgrall