

NEWSLETTER

of the Work Group Mathematical Fluid Mechanics

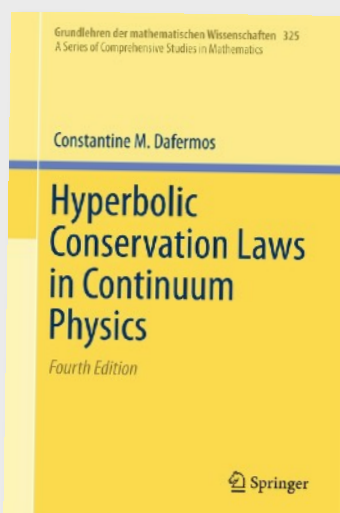
Newsletter no. 1 (2024)

Constantine Dafermos will visit us

Constantine Dafermos from Brown University (USA) will visit us in Würzburg Jan. 23 - 26.

He is one of the leading figures in the theory of conservation laws. His *text book* is considered the "bible" in this field.

He is 81 years old and continues to be interested in the scientific development of the field of conservation laws. He will give a lecture. We plan to discuss with him and present our work to him. Finally there will be time to socialize with him and get to know this fascinating man.



Open access: we need to pay for publishing from now on

The idea of open access is great: everyone can access scientific publications for free. Unfortunately the implementation of this idea causes big problems.

Since this way publishers can get no money from their readers (say via the libraries) they want it from the authors. At first the idea was that publishers would be paid a flat rate from tax money to cover their costs, which Springer agreed to. But Elsevier refused to go along and insisted that authors need to pay a fee per accepted paper. This was not granted and for many years there has been an Elsevier boycott. But from 2024 on Elsevier got its way and now the same rules apply to *all* journals: from now on all papers accepted in Elsevier, Springer, Wiley etc. *have to be published* open access and the author has to pay the fee.

Some help has come from our university: they will pay part of the fee. A maximum fee of 1500 € will be due from the authors per article. Authors now have to make sure to have enough grant money to pay for this.

Researchers should not be deterred by this: they *need* to publish in order to advance scientifically. Hopefully they will have a grant or a co-author that covers the open access publication costs.

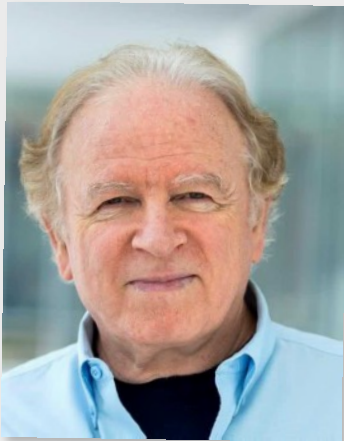


HAPPY
New Year

Conference in honor of Eitan Tadmor

Sid Mishra is organizing a conference in Zürich 8 to 11 July 2024: [*Modern Perspectives in Applied Mathematics: Theory and Numerics of PDEs*](#).

The conference will be in honor of [*Eitan Tadmor*](#)'s 70th birthday.



Eitan Tadmor

Workshop in Konstanz

Emil Wiedemann and others will organize a workshop in Konstanz June 5 - 7, 2024: *Analysis of dissipation in compressible and inviscid fluids*.

Simon Markfelder is invited to give a lecture there.

Kathrin Hellmuth's lectures

This week Kathrin is invited to give a talk in Augsburg in the seminar of [*Jan-Frederik Pietschmann*](#).

Next week Kathrin will lecture in Aachen in the [*seminar*](#) of Manuel Torrilhon.

Happy travels, Kathrin!

Upcoming scientific conferences

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

- Jan. 22 - 23: [*Kickoff workshop DFG priority program on hyperbolic problems*](#), organized by Christian Rohde in Stuttgart, Germany
- Feb. 26 - March 1, 2024: [*Oberwolfach workshop on Hyperbolic Balance Laws*](#) will be organized by Remi Abgrall, among others
- March 3 - May 31, 2024: [*Numerical Methods for Nonlinear Hyperbolic PDEs*](#), in Shenzhen, China, organized by Alex Kurganov, Chi-Wang Shu and Alina Chertok
- March 6 - 8, 2024: A Small Workshop on Active Flux, in Cambridge, UK, organized among others by Remi Abgrall and Wasilij Barsukov
- March 18 - 22, 2024: [*Annual meeting of the GAMM*](#) in Magdeburg, Germany, organized among many others by Peter Benner
- June 5 - 7, 2024: Analysis of dissipation in compressible and inviscid fluids, in Konstanz, Germany, organized among others by Emil Wiedemann
- July 1 - 5, 2024: [*XIX International Conference on Hyperbolic Problems: Theory, Numerics and Applications \(HYP 2024\)*](#) in Shanghai, China, at Shanghai Jiao Tong University, organized by Yachun Li & Ya-Guang Wang
- July 8 - 11, 2024: [*Modern Perspectives in Applied Mathematics: Theory and Numerics of PDEs*](#) in Zürich, organized by Sid Mishra
- Sept. 9 - 13, 2024: [*Conference on high-order nonlinear numerical methods for evolutionary PDEs*](#) (HONOM2024) on the Crete Island, Greece, organized by Elena Gaburro
- June 9 - 13, **2025**: NumHyp 2025, in Darmstadt
- summer of 2025: Sino-German workshop in Mainz, organized by Maria Lukacova
- Sept. 14 - 20, 2025: Hirschegg Workshop, in the Kleinwalsertal, Austria, organized by Gerald Warnecke and others
- sometime in **2026**: Finite Volume and Complex Applications 11, in Münster, Germany

A late Santa Claus cartoon

Santa Claus has finished his job, but this cartoon still is quite funny:

