Marlies Pirner is offered a Junior-Professorship in Münster

The typical academic career in Germany begins with a PhD. Then follows a longer postdoc period after which one is hopefully appointed to a permanent professorship. The postdoc period ideally has two parts. During the first part (~3 years) one is still guided by a professor. The second more independent part ideally is a longer temporary position called junior professor. If during this period one continues to make academically progress, this position is the stepping stone for a permanent professor position.

Marlies will now move on to her second post-doc period. She has just received an offer to be a junior professor at Münster University - which is great!

Congratulations, Marlies!

The old city center of Münster

This is a coronal mass ejection, where the x-axis is the surface of the sun. Plasma is ejected from the sun. Here $u_B = \frac{<u,B>}{|B|}$ is plotted. This is a tough problem to simulate.
Upcoming scientific conferences

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

- Jan. 10 - June 24, 2022: Frontiers in kinetic theory: connecting microscopic to macroscopic scales - KineCon 2022, a one semester program organized at the Newton Institute at Cambridge University with 5 one week workshops in this time
- March 14 - 18, 2022: SIAM Conference on Analysis of Partial Differential Equations online, organized by Sid Mishra and Emil Wiedemann
- April 4 - 8, 2022: High order nonlinear numerical methods for evolutionary PDEs: theory and applications (HONOM) in Braga, Portugal, organized by Raphael Loubère und Stephane Clain
- April 10 - 15, 2022: Structure preserving discretizations, in Oberwolfach, organized by Bruno Després, Michael Dumbser, myself
- May 11 - 13, 2022: High-order Time Discretization Methods for PDEs, on the island of Capri, Italy, organized by Lorenzo Pareschi, Giovanni Russo and others
- May 16 - 20, 2022: The Boltzmann Equations: in the trail of Torsten Carleman, near Stockholm, Sweden
- May 23 - 29, 2022: Sharing Higher-order Advanced Research Know-how on Finite Volume (SHARK-FV) in Portugal, organized by Raphael Loubère und Stephane Clain
- June 12 - 18, 2022: Summer School on "Methods and models of kinetic theory" organized by Marzia Bisi (Parma) among others
- 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
- June 19 - 24, 2022: "Numerical methods for kinetic equations" a summer school by Eric Sonnendrücker and Lukas Einkemmer in the alps in Italy
- June 27 - July 1, 2022: Hyperbolic balance laws & beyond, in Magdeburg, organized by Helzel and Lukacova
- July 18 - 22, 2022: When Kinetic Theory meets Fluid Mechanics, in Zürich, organized among others by Alexis Vasseur
- Aug. 22 - 26, 2022: 10th International Conference on Numerical Methods for Multi-Material Fluid Flow (MULTIMAT 2021) in Zürich, organized by Remi Abgrall and others
- Sept. 12 - 14, 2022: Nils Henrik Risebro birthday conference in Oslo, organized among others by Fjordholm, Holden, Mishra
- Sept. 26 - 30, 2002: Horizons in non-linear PDEs, a summer school in Ulm, organized by Emil Wiedemann and others
- Oct. 9 - 14, 2022: Computation of hyperbolic and related PDEs: A conference in honor of Remi Abgrall, organized by Sid Mishra at ETH Zurich on Monte Verità (Ascona, Switzerland)
- Nov. 14 - 18, 2022: Kinetic Theory, in Luminy (near Marseille, France), organized by José Carillo, Markus Schmitthen and others

Sonja Leicht submitted her Master thesis

Sonja Leicht submitted her Master thesis “Numerical solutions of elastic bodies".

She solves the 2-d linearized elasticity equations using Clawpack, a numerical package by Randy LeVeque. She then uses this to model the movement of a thorax. This is then used by a computer program of Bernadette Hahn, which solves a dynamic inverse problem.

Workshop on kinetic theory in Luminy

In Luminy (near Marseille, France) at CIRN (a conference site), Nov. 14 - 18, 2022 José Carillo, Markus Schmittchen and others will organize a workshop called Kinetic Theory.

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