

NEWSLETTER

of the Work Group Mathematical Fluid Mechanics

Newsletter no. 1 (2025)

Kathrin Hellmuth interviews at Caltech

Kathrin Hellmuth has applied for a postdoc position at the [Computing & Mathematical Sciences department](#) of Caltech in California, USA. Last week she was selected to be interviewed (via Zoom) by the selection committee. That in itself is quite a success.

In addition, Kathrin has applied for German funding to support her postdoc stay there. If one of these applications will be successful, the postdoc position would begin in September of this year.

Kathrin, we wish you that this will work out.

Mini-symposium ICOSAHOM accepted

The [ICOSAHOM](#) conference on numerics of differential equations takes place every two years. The next one will be in July 2025 in Montréal, Canada. There we applied to contribute a series of lectures (called mini-symposium) on the Active Flux method. This has been accepted.

That is why from our work group Junming Duan, Lisa Lechner and myself will travel there.

a park in Montréal



Newsletter no. 1 (2025) (one page)

Lukas Einkemmer visits us Jan. 13 - 15, 2025

[Lukas Einkemmer](#) from Innsbruck University will visit us Jan. 13 - 15, 2025. He is an expert in scientific computing applied in plasma physics.

Lukas is a co-author of two papers with Lena Baumann and myself, see [here](#) and [here](#). They deal with a numerically efficient method applied to kinetic equations, the dynamical low rank method.

Lukas' visit will be from Monday to Wednesday Jan. 13 - 15, His seminar talk will take place on *Wednesday*. You can see the announcement of his lecture [here](#).



Happy New Year!



In 2025 both Kathrin Hellmuth (in spring) and Lena Baumann (in the fall) plan to finish their PhD, good luck to both of them.

Also this year a new PhD student will join us to work on a project jointly with Carlos Pares (Spain), funded by the DFG.