

openCFS annual meeting 2026: Program

Thursday, 09. April 2026

HS i9, Inffeldgasse 13, TU Graz

12:30	Welcome on site (Drinks & Fruits)			0:30
13:00	Welcome and Opening	Dominik Mayrhofer	TU Graz	0:10
13:10	Repository overview	Florian Toth	TU Wien	0:20
13:30	New Technical Features	Fabian Wein	FAU Erlangen	0:20
13:50	Workshop: Improving openCFS (improve code, usability, remove unused code and docu)	Dominik Mayrhofer	TU Graz	0:40
14:30	Presentation of project proposals	Dominik Mayrhofer	TU Graz	0:20
14:50	Coffee & Cake			0:25
15:15	Meshing and Postprocessing for Acoustic Topology Optimization	Felix Huber	TU Wien	0:20
15:35	An Efficient Iterative Solver Strategy for 2.5D Acoustic Simulation	Likun Luo	TU Wien	0:25
16:00	Modeling Edge Absorbers for Room Acoustics with openCFS	Florian Kraxberger	TU Graz	0:25
16:25	Characterization of microperforated absorbers	Felicitas Spörk	TU Graz	0:20
16:45	Investigation of the influence of slip- operators on ultrasound pulse-based sound generation principles	Dominik Mayrhofer	TU Graz	0:20
17:05	General assembly (for the agenda please see the call for abstracts)			1:00
18:30	Dinner - social event: Herzl Weinstube		https://dieherzl.at/	

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9:00	Simulation of a highly coupled MEMS ultrasound speaker modell in openCFS	Tobias Wilczacki	TU Graz	0:20
	Mode-Oriented Finite-Element Model Updating for Thin-Walled Ducts via Point-Wise Time Harmonic Simulations	Patrick Heidegger	TU Graz	0:25
9:45	Simulation of the Rotational Single Sheet Tester with the H-Formulation	Lucas Ebner	TU Graz	0:25
10:10	Coffee & Cake			0:25
10:35	Topology Optimization for Electromagnetic Problems using PyCFS	Walter Friza	TU Graz	0:20
10:55	Data driven parameter identification of magnetic material models	Eniz Museljic	TU Graz	0:20
11:15	Lumped-Element coupled Power Transformer Model for Low and Mid-Frequency Transients	Alexander Sauseng	TU Graz	0:25
11:40	Discussion: feedback, feature requests, comments, ...	Dominik Mayrhofer	TU Graz	0:20
12:00	Lunch (Sandwiches)			