

# openCFS annual meeting 2024: Program

## Thursday, 22. February 2024

## HS i6, Inffeldgasse 25/D, TU Graz

12:00	<b>Welcome on site (Drinks &amp; Fruits)</b>			0:30
12:30	Welcome and Opening	Dominik Mayrhofer	TU Graz	0:10
12:40	An introduction to the openCFS environment	Dominik Mayrhofer	TU Graz	0:25
13:05	Windows build	Florian Toth	TU Wien	0:25
13:30	Presentation of project proposals	Dominik Mayrhofer	TU Graz	0:20
13:50	<b>Coffee &amp; Cake</b>			0:20
14:10	pyCFS-DPF: A dataprocessing framework for openCFS in Python	Andreas Wurzinger	TU Graz	0:25
14:35	Optimization framework for openCFS and other simulation tools	Eniz Mušeljčić	TU Graz	0:25
15:00	A browser tool to calculate acoustic resonances of rooms using openCFS on the server	Andreas Melcher	amcoustics	0:25
15:25	<b>Coffee &amp; Cake</b>			0:25
15:50	Modelling Heat Transfer via Non-Conforming Interfaces	Michael Russwurm	TU Wien	0:25
16:15	the impedance plethysmography signals in peripheral arteries	Thomas Krispel	TU Graz	0:25
16:40	Force calculation with VWP and Maxwell method	Lucas Ebner	TU Graz	0:20
17:00	General assembly (for the agenda please see the call for abstracts)			
18:30	Dinner - social event: Herzl Weinstube		<a href="https://dieherzl.at/">https://dieherzl.at/</a>	

## Friday, 23. February 2024

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9:00	Implementation of an Edge-Based h-Formulation in the Nonlinear Magnetostatic Case	Lukas Domenig	TU Graz	0:25
9:25	Electromagnetic wave propagation capabilities in openCFS	Klaus Roppert	TU Graz	0:25
9:50	Adjoint Equation in Magnetics and its Implementation	Manfred Kaltenbacher	TU Graz	0:25
10:15	<b>Coffee &amp; Cake</b>			0:25
10:40	Implementing a Vibroacoustic Coupling Condition including Viscous Damping in openCFS	Florian Toth	TU Wien	0:25
11:05	Extending the validity of continuum theory for viscous acoustics	Tobias Wilczacki	TU Graz	0:25
11:30	Time domain equivalent fluid model	Stefan Schoder	TU Graz	0:20
11:50	Announcement of funded projects	Manfred Kaltenbacher	TU Graz	0:10
12:00	Discussion: feedback, feature requests, comments, ...	Dominik Mayrhofer	TU Graz	0:20
12:20	<b>Lunch (Sandwiches)</b>			