



mathematical fluid mechanics



astrophysics

# XI. Würzburg Workshop

This workshop joins the work groups of Fritz Röpke (astrophysics, Heidelberg) and Christian Klingenberg (mathematics, Würzburg) in a mix of astrophysical modeling and applied mathematics. It takes place Emil Fischer Str. 40 in Würzburg.

## Thursday, December 8

12:30		<i>Lunch (Mensa)</i>
14:00	Introduction	Fritz Röpke & all participants rm. 40.02.007
14:15	Samuel Jones	ONe Deflagrations (20+5)
14:45	Parallel sessions	<b>SN Ia models</b> rm. 40.02.007 <b>SLH hackathon</b> rm. 40.03.003
16:00		<i>Coffee break &amp; Discussion</i>
16:30	Parallel sessions (continued)	<b>SN Ia models</b> rm. 40.02.007 <b>SLH hackathon</b> rm. 40.03.003

## Friday, December 9

9:15		<i>Coffee</i>
9:30	Mattia Bulla	Update on polarization (20+5) rm. 40.02.007
9:55	Luke Shingles	Nebular spectra with ARTIS (20+5)
10:20	Anders Jerkstrand	Nebular spectra (20+5)
10:45		<i>Coffee break</i>
11:00	Parallel sessions	<b>Radiative transfer</b> rm. 40.02.007 <b>Stellar evolution modeling</b> rm. 40.03.003
12:30		<i>Lunch (Mensa)</i>
14:00	Parallel sessions	<b>Radiative transfer</b> rm. 40.02.007 <b>Stellar evolution modeling</b> rm. 40.03.003
14:45	<b>Summary from parallel sessions, general discussion</b>	
15:45		<i>End of workshop</i>