

## Schedule of the DuMu<sup>x</sup> Course, July 18-20, 2018, University of Stuttgart

### Wednesday, July 18

Time	Program	Notes
10:30-12:30	Introduction, available models	
12:30-13:30	Lunch break	
13:30-15:30	Build, run, program flow, exercises	
15:30-16:00	Coffee break	
16:00-17:00	Exercises	
17:00-End	Runtime parameters, grids, exercises	

### Thursday, July 19

Time	Program	Notes
9:00-10:30	Property system, exercises	
10:30-11:00	Coffee break	
11:00-12:30	Fluid and solid systems, material laws, exercises	
12:30-13:30	Lunch break	
13:30-15:00	Exercises	
15:00-15:30	Coffee break	
15:30-16:30	Introduction to multidomain	
16:30-End	Exercise: Setting up a new module and problem	
ca. 18:00	Beer garden	

### Friday, July 20

Time	Program	Notes
9:00-10:00	Introduction to advanced topics (related to SFB PAs): A: Free and porous-media flow B: Fractured porous media C: Fluid-solid phase change	
10:00-10:30	Coffee break	
10:30-end	Exercises on advanced topics	