

Dune/PDElab Course 2021

Week of:

March 8

Times are UTC+1

For time zone conversion use <https://bit.ly/2ZKwwLR>

Time UTC+1	3/8 MONDAY	3/9 TUESDAY	3/10 WEDNESDAY	3/11 THURSDAY	3/12 FRIDAY
	Fundamentals: C++ and Finite Elements	Basics of the Dune framework	Basics of PDELab	Advanced Topics to select from according to your interest	Advanced Topics to select from according to your interest
11:00 AM to 13:30 PM		<i>Group Asia:</i> Lab Session on The Dune Grid API	<i>Group Asia:</i> Lab Session on PDELab for elliptic problems Part 1	Lab Session on Optional Modules (see below)	Lab Session on Optional Modules (see below)
13:30 PM to 3:00 PM		Break	Break	Break	Break
3:00 PM to 5:30 PM	Welcome + Introduction, Lab Session C++ and Finite Elements	<i>Group Asia:</i> Lab Session on Simulation Workflow, <i>Group America:</i> Lab Session on The Dune Grid API	<i>Group Asia:</i> Lab Session on PDELab for elliptic problems Part 2, <i>Group America:</i> Lab Session on PDELab for elliptic problems Part 1	Lab Session on Optional Modules: Solving instationary problems, Mesh Adaptation, Generating PDELab code with Python	Lab Session on Optional Modules: Solving Systems of PDEs, Parallel Solvers. Farewell
5:30 PM to 8:00 PM		Break	Break		
8:00 PM to 10:30 PM		<i>Group America:</i> Lab Session on Simulation Workflow	<i>Group America:</i> Lab Session on PDELab for elliptic problems Part 2		