	May 21 Monday	May 22 Tuesday	May 23 Wednesday	May 24 Thursday	May 25 Friday
09:00-09:15	Introduction of CSRC/Applied and Computational Mathematics Division	Step 2: Degrees of freedom	C++: Using templates and other basics Step 4: Solving the Laplace equation in a dimension independent way	Problems with more than one solution variable ("vector valued problems") Step 20: The mixed Laplace	Best programming practices What solver and preconditioner to use?
09:15-10:00	Course overview; why we use software libraries; An introduction to the finite element method, part 1				
10:00-10:30	**tea break/photo−lobby on 1st floor**	**tea break**			
10:30-12:10	An introduction to the finite element method, part 2 Working on the command line Play time: Getting started with installing deal.II	Play time	Play time	Play time	Play time
12:10-14:00	**Lunch**				**12:10-12:20 photo - lobby on 1st floor**
14:00-15:00	Brief introduction to deal.II; A brief introduction to the finite element method	Step 3: Solving the Laplace equation Modern software tools: Visualizing solutions with 'Paraview'	Step 6: Adaptively refined meshes; hanging nodes, constraints	Block structured solvers	Beyond computing: Workflows in scientific computing
15:00-15:30	**tea break**				
15:30-16:30	Step 1: Generating meshes	Play time	Play time	Play time	Play time