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09:15 09:30 09:30 09:45 09:30 09:45 09:30 09:45 09:30 09:45 10:00 10:15 10:10 11:10 11:10 11:15 11:30 HPCFD01: Introduction Basic equations, Flow regimes HPCFD04: Finite Volumes Basic ldea, Riemann Problem, Flux Functions, Properties Presentation of the fundamentals of Finite Element Method and Incompressible Flows Presentation of the Fluid Mechanics, Properties and Methods for Incompressible - Property and models; DNS, LES, RANS (k-eps) - lambda criterion HPCFD08: Parallelization 11:15 11:30 HPCFD02: Compressible Flows Mach, Re, regime Image: Compressible Flows Methods for Incompressible Image: Compressible Flows - Cut-cells (FV) HPCFD09: Parallelization	
09:30 09:45 00:45 HPCFD01: Basic equations, Flow regimes HPCFD04: Finite Volumes Riemann Problem, Flux Functions, Properties Presentation of the Flux Functions, Properties HPCFD05: Finite Fluement Method and Incompressible Fluw HPCFD05: Finite Fluement Method and Incompressible Fluw HPCFD02: Mach, Re, regime HPCFD02: Mach, Re, regime Mach, Re, regime Reconstruction for Flows HPCFD05: Finite Fluement Method and Incompressible Flows HPCFD05: Finite Fluement Method and Incompressible Flows HPCFD05: Finite Fluement Method and Incompressible Flows HPCFD02: Mach, Re, regime HPCFD09: HPCFD09: Presentation of the Fluement Method and Incompressible Flows HPCFD05: Finite Fluement Method and Incompressible Flows HPCFD02: Mach Re, regime HPCFD09:	
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11:00 11:15 Incompressible Properties and Properties and 11:15 11:30 11:45 Flows Mach, Re, regime 11:30 11:45 Flows Reconstruction for Incompressible 11:30 11:45 Flows Reconstruction for Incompressible	
11:15 11:30 11:45 Flows Incompressible Methods for - cut-cells (FV) HPCFD09: 11:30 11:45 Flows Incompressible Incompressible - LB-g-Val Parallelization	
11:30 11:45 Tows Incompressible - LB-g-Val Parallelization	
	Access to systems
11:45 12:00 HPCFD06: Higher Finite Volumes, flows Lattice-Boltzmann - penalty-term	
12:00 12:15 Exercise X1: Modulor Order Discontinuous Method (HPCFD11) (DG/FEM) HPCFD10:	
12:40 Introduction on Batchsystem Galerkin Galerkin - deformed Parallelization	I/O
12:45 13:00 HPC system elements (OF)	
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13:15 13:30 Mittagenurg	
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14:00 14:15 Running HPCFDX2: Simulations on the Exercise: Musubi	
14:15 14:30 Exercise A2: Using Simulations with Introduction on Decaviour Atalas on the Introduction on the Introductin on the Introduction on the Introduction on Dec	Characterization of
14:50 14:45 Ateles Ateles of the Visualization Paraview Ateles order simulations the cluster Performance	mesh-based solvers
	like Ateles
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15:45 16:00 Looking into the	
16:00 16:15 HPCFD03: Classification and Exercise X3, X4: Using different Exercise X4, X5: Generating Meshes Exercise X8: Post- simulations, with	
16:15 16:30 Numerics of PDEs. Properties of Flux function and Fluxes for Shocks, Mesh generation, and running Jet processing the respect to the	
16:30 16:45 Finite Differences relevant PDEs Riemann problem, Post-Processing Simulation setup simulations with results of the Jet effect of the	
15:45 1/:00 Gasdynamics results with varying order different orders simulation different	
17:15 17:30 discretizations	