

CSiS Timetable 2nd Semester - Summer Semester 2021: Start of Lectures: 12 April, 2021 *obligatory courses

Time	Monday	Tuesday	Wednesday	Thursday	Friday				
8:00 - 9:00	Tools uni@home/G.14.34 Arndt Start: 12.04.2021	TC 1 Quantum Theory of Molecules uni@home Jensen Start: 13.04.2021	Parallel Algorithms uni@home Frommer Start : 14.04.2021		TC 1 Quantum Theory of Molecules uni@home Jensen Start: 15.04.2021	CFM5 Fire Simulation uni@home Arnold Start: 16.04.2021			
9:00 - 10:00									
10.00 - 11.00	Data Analysis uni@home /F.13.15 Rautenberg Start: 12.04.2021	Numerical Methods in Classical Field Theory and Quantum Mechanics uni@home/ D.10.08 Korzec Start: 13.04.2021	EPP/TPP (SMTP-a) The Standard Model of Elementary Particle Physics uni@home Zeitnitz/ Lipka Start: 14.04.2021	CFM3 Smooth Particle Hydrodyn. uni@home/ Kemper Start: 14.04.2021	Exercises EPP/TPP (SMTP-b) The Standard Model of Elementary Particle Physics uni@home Zeitnitz/ Lipka Start: 15.04.2021	IMG 1 Quantitative Medical Imaging uni@home/ F.13.15 Axer Start: 15.04.2021	CEM Computational Electromagnetics uni@home/ Clemens Start: 15.04.2021	TC 1 Exercises Quantum Theory of Molecules uni@home Alekseev Start: 16.04.2021	AtmP1 Atmospheric Modelling uni@home/ D.07.01 Plöger Start: 16.04.2021
11.00 - 12.00									
12.00 - 13.00	Parallel Algorithms uni@home Frommer Start : 12.04.2021	CFM5 Fire Simulation uni@home Arnold Start: 20.04.21	CompFin Computational Finance 1 uni@home Teng Start : 13.04.21	CEM Computational Electromagnetics uni@home/ Clemens Start: 13.04.21					
13.00 - 14.00									

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Time	Monday	Tuesday	Wednesday	Thursday	Friday
14.00 – 16.00	<p>Num. Analysis + Simulation II (PDEs) uni@home/ HS 05 Ehrhardt/ Buckova Start: 19.04.2021</p> <p>EPP/TPP (SMTP-a) Standard Model of Elementary Particle Physics uni@home Zeitnitz/ Lipka Start: 12.04</p>	<p>Numerical Analysis and Simulation II (PDEs) uni@home/ HS 06 Ehrhardt/ Buckova Start: 20.04.2021</p>		<p>IMG 1 Exercises+Seminar Quantitative Medical Imaging uni@home/ F.13.17 Axer Start: 15.04.2021</p>	<p>Exercises Data Analysis uni@home/D.11.03 Rautenberg Start: 16.04.2021</p>
16.00 - 17:00	<p>CompFin 1 Computational Finance 1 uni@home/G.14.34 Teng Start: 12.04.2021</p>	<p>Exercises Numerical Analysis and Simulation II (PDEs) uni@home/HS2 Buckova Start: 20.04.2021</p>	<p>CFM1 Computational Fluid Dynamics uni@home/ W.11.018 Janoske Start: 14.04.2021</p>	<p>CompFin Exercises Computational Finance 1 uni@home/ HS 7 Teng/Kapllani Start : 14.04.2021</p>	<p>Exercises Num. Methods in Class.Field Theory and Quantum Mechanics uni@home/ F.13.17 Korzec Start: 15.04.2021</p>
17.00 – 18.00					
18.00 – 19.00					

Please register for all classes on Moodle: <https://moodle.uni-wuppertal.de/>. Only with your class registration on Moodle your lecturer can stay in contact with you for the latest updates on the classes, on examination dates and to share course-related information!

MOODLE LINKS

OBLIGATORY COURSES

Obligatory Courses/ Module Name:	Course Name:	Module Component: <small>(module reference book)</small>	Moodle Link:
Computer Simulation 2	Data Analysis	CSim2-a	https://moodle.uni-wuppertal.de/course/view.php?id=24926
Computer Simulation 2	Parallel Algorithms	CSim2-b	https://moodle.uni-wuppertal.de/course/view.php?id=24751
Computer Science 2	Tools	CS2-a	https://moodle.uni-wuppertal.de/course/view.php?id=24001
Numerical Methods 2a or alternatively	Numerical Analysis and Simulation II	NM2a-a	https://moodle.uni-wuppertal.de/course/view.php?id=23870
Numerical Methods 2b	Numerical Methods in Classical Field Theory and Quantum Mechanics	NM2b-a	https://moodle.uni-wuppertal.de/course/view.php?id=25658

MOODLE LINKS - ELECTIVE COURSES ACCORDING TO SPECIALIZATION

Specializations:	Course name:	Module component: (module reference book)	Moodle Link:
AtmP	Selected Topics in Atmospheric Physics	AtmP1-b/AtmP2b-a	https://moodle.uni-wuppertal.de/course/view.php?id=
AtmP	Atmospheric Modelling	AtmP1-c	https://moodle.uni-wuppertal.de/course/view.php?id=
CEM	Computational Electromagnetics	CEM1-a	https://moodle.uni-wuppertal.de/course/view.php?id=25418
CFM	Computational Fluid Dynamics	CFM1-a	https://moodle.uni-wuppertal.de/course/view.php?id=883
CFM	Modelling of Multiphase Flows	CFM1-b	Course from winter semester: all videos available in English: https://moodle.uni-wuppertal.de/course/view.php?id=20992 Current summer semester: https://moodle.uni-wuppertal.de/course/view.php?id=880 Course language „German“. Switch to English possible if students agree.
CFM	Smooth Particle Hydrodynamics	CFM3-a	https://moodle.uni-wuppertal.de/course/view.php?id=4304
CFM	Fire Simulation	CFM5-a	https://moodle.uni-wuppertal.de/course/view.php?id=25251
CompFin	Computational Finance 1	CompFin1-a	https://moodle.uni-wuppertal.de/course/view.php?id=23871
EPP/TPP	Standard Model of Elementary Particle Physics	SMTP-a	https://moodle.uni-wuppertal.de/course/view.php?id=
IMG	Quantitative Medical Imaging	IMG1-a	https://moodle.uni-wuppertal.de/course/view.php?id=24755
TC	Quantum Theory of Molecules	TC1-a	https://moodle.uni-wuppertal.de/course/view.php?id=25243

List of abbreviations for CSiS specializations:

Atmospheric Physics: AtmP
 Computational Electromagnetics: CEM
 Computational Finance: CompFin
 Computational Fluid Mechanics: CFM
 Experimental Particle Physics: EPP

Imaging in Medicine: IMG
 Materials Science: MSc
 Theoretical Chemistry: TC
 Theoretical Particle Physics: TPP