

Timetable **Materials Science and Simulation** summer term 2019 (2nd semester)

Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8-9	(3a) Quantum Mechanics in Materials Science (L), Drautz, 8.30-10.00, ICAMS seminar room IC 02/718, from 08.04.2019	(10-5) Advanced Finite Element Methods (L), Meschke, 8.30-10.00, HIC *	(6 MS5) Continuum Mechanics, Hackl, Le 8.30-10.00, IC 04/410 from 02.04.2019	(6 MS2) Data-driven Materials Science (L), Drautz, 8.30-10.00, IC 02/718 from 10.04.2019	(6 MS2) Data-driven Materials Science (E), Drautz, 8.30-10.00, CIP 522 from 12.04.2019	
9-10						
10-11	(6 MS1) Interfaces and Surfaces (L), Hammerschmidt, Janisch, Rogal	(10-5) Advanced Finite Element Methods (E), Meschke, 10.15-11.45, HIC/IC 04-408		(7 PC4) Polymers and Shape Memory Alloys, Neuking, Frenzel, 10.15-13.00, IC 04/349 first lecture: 03.04.2019	(7 PC3) MEMS und Nanotechnology (S), Ludwig, 10.00-12.00, IC 03/216 (language: German) from 03.04.2019	(7 PC1) Modern Coating Technologies (E), Devi <b>course cancelled</b>
11-12	10.15-12.00, IC 02/718, from 08.04.2019		(11-2) Engineering Ceramics & Coating Technology (L+S), Vaßen (Compact course), 10.45-14.00, IC 02/722, 1st meeting: 16.4.19 (further dates: 30.4., 7.5., 14.5., 21.5., 18.6., 25.6.).		(7 PC3) MEMS und Nanotechnology (S), Ludwig, 10.00-12.00, IC 03/216 (language: German)	(6 MS3) Phase-Field Theory and Application (L), Steinbach, Varnik, Shchyglo, 10.00-11.30, ICAMS seminar 718
12-13			(7 PC2) Fundamental Aspects of Materials Science and Engineering (FAMSE) (L), Eggeler, 12.00-15.00, IC 04/408 from 02.04.2019		(6 MS1) Interfaces and Surfaces (E), Hammerschmidt, Janisch, Rogal 12.15-14.00, CIP-pool IC 02/522	(6 MS3) Phase-Field Theory and Application (E), Steinbach, Varnik, Shchyglo, 12.30-14.30, CIP-pool IC 02/522
13-14						
14-15	(7 PC1) Modern Coating Technologies (L), Devi, NC 3/99, 14.00-16.00, 1st lecture: 01.04.2019 <b>course cancelled</b>		(8 MS4) The CALPHAD Method, Fries, 13.30-16.30, ICAMS CIP-pool IC 02/522	(6 MS4) Introduction to Parallel- & Scientific-Computing (L+S), Hammerschmidt, Sutmann, 13.30-16.30, ICAMS CIP IC 02-514 from 10.04.2019	(6 MS5) Continuum Mechanics, Hackl, Le 14.00-16.00, IC 03/112	
15-16		(3a_1) Quantum Mechanics in Materials Science (E), t.b.a., 15.00-17.00, IC 02/714 (1st date t.b.a.)	(11-5) Atomistic Aspects of Materials Properties, Hammerschmidt, Janisch, 15.00-17.15, ICAMS CIP IC 02-522 and IC 02-722		(3a_2) Quantum Mechanics in Materials Science (E), t.b.a., 16.00-18.00, IC 02/714 (first date t.b.a.)	(4) Advanced Characterization Methods, Frenzel, Li 15.00-18.00, IC 04/410 from 05.04.2019
16-17	(11-6) Mathematics for Materials Modelling, Mrovec, 16.00-18.00, ICAMS CIP IC 02-522.					
17-18	1st lecture: 08.04.2019					

lecture period: 01.04.2019-12.07.2019

Obligatory modules

Profile modules (Modelling & Simulation)

Profile modules (Processing & Characterization)

Optional modules (General optional subject)

\* Department of civil and environmental engineering IC 02/153  
please also check the notice board of the faculty

unless otherwise stated, lectures start in the first week of the lecture period

status as of 4 March 2019

11-7 Material Informatics with R, Roslyakova (compact course). First meeting: Monday, 15 July 2017 (further dates: 16.7. and 17.7., plus independent study and the presentation of a report), ICAMS CIPPool