

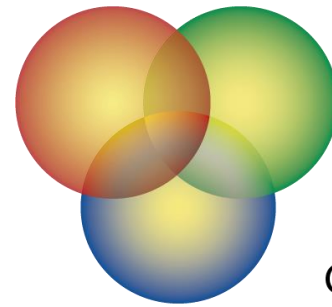
**CSIS**  
Computer Simulation in Science

## Some useful hints

- Consider attending the classes as mandatory.
- Be on time.
- Check WUSEL (electronic class book) for times, rooms or classes.
- Fill in the forms before the first exams.
- Read the examination regulations which are in English on the web page.
- Note that you need **70 credits** of completed modules as well as the successful passing of all exams which can only be repeated a restricted number of times before you can start the master thesis.
- Do not remove the facilities of the computer labs.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8.00 - 9.00		<b>Computational Fluid Dynamics*</b> W.11.018 Janoske Start: 18.10.2017			
9.00 - 10.00					
10.00 - 11.00	Exercises (Group 1) <b>Introduction to Computer Simulation</b> D.11.03 Korzec Start: 16.10.2017		<b>Introduction to Computer Simulation</b> F.13.15 Knechtli Start: 11.10.2017		Exercises <b>Numerical Analysis and Simulation for ODEs</b> G.15.34 Wandelt Start: 20.10.2017
11.00 – 12.00	Exercises (Group 2) <b>Introduction to Computer Simulation</b> D.11.03 Korzec Start: 16.10.2017				
12.00 – 13.00	<b>Modern Programming</b> HS 15 Arndt Start: 16.10.2017	<b>Numerical Analysis and Simulation for ODEs</b> HS 8 Ehrhardt/Günther Start: 17.10.2017	Exercises <b>Modern Programming</b> G.16.15 Arndt		
13.00 – 14.00					
14.00 – 15.00		<b>Worldwide Distributed (GRID) Computing</b> D.11.03 Harenberg Start: 17.10.2017	<b>Lab Course I</b> D.11.03 Korzec Start: 11.10.2017		
15.00 – 16.00					
16.00 – 17.00	<b>Numerical Analysis and Simulation for ODEs</b> G.14.34 Ehrhardt/Günther Start: 16.10.2017				
17.00 – 18.00					

- Only for students with specialization „Computational Fluid Mechanics“



# CSIS

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## Modules:

- CSim1: a) Introduction to Computer Simulation  
b) Lab Course 1
- CS1: a) Modern Programming  
b) Worldwide Distributed (GRID) Computing
- NM1: a) Numerical Analysis and Simulation I
- CFM1: a) Computational Fluid Dynamics  
b) Smooth Particle Hydrodynamics (summer semester)  
or  
b) Multiphase Flows (summer semester)



## **Specializations:**

- Start in 2<sup>nd</sup> semester  
(exception CFM)
- More info at the end of 1<sup>st</sup> semester



## Exams:

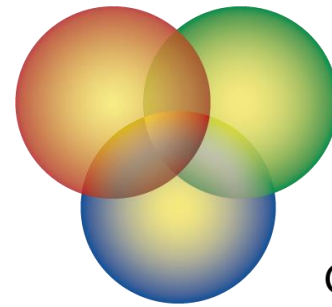
- Module examinations:

CSim1 (written, can be repeated twice at the utmost, registration for exam necessary, 50 % exercises Introduction to Computer Simulation)

CS1 (written)

NM1 (written)

CFM1 (written) + summer semester

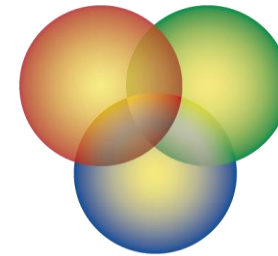


# CSIS

Computer Simulation in Science

## Computer accounts:

- Physics: Accounts distributed in **Introduction to Computer Simulation** in the first lecture on Wednesday, 11 October 2017
- Mathematics: Introduction How to Use the Computer Clusters within the Department of Mathematics and Informatics  
Friday, October 13, 2017, 14:00 – 16:00  
in room G.16.09



# CSIS

Computer Simulation in Science

## Information and advice:

- **Prof. Dr. Francesco Knechtli**  
**Coordinator**  
Room: D.10.24  
Phone: (0202) 439-2630  
e-mail: [knechtli@physik.uni-wuppertal.de](mailto:knechtli@physik.uni-wuppertal.de)
- **Brigitte Schultz**  
**Secretary**  
Room: G.14.20  
Phone: (0202) 439-3074  
e-mail: [schultz@math.uni-wuppertal.de](mailto:schultz@math.uni-wuppertal.de)

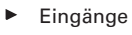
<http://www.csis.uni-wuppertal.de/>

## Administrative Issues:

- **Mrs. Heike Pfeifer**  
**International Office**  
Room: O.06.13  
Phone: (0202) 439-3836  
e-mail: [hpfeifer@uni-wuppertal.de](mailto:hpfeifer@uni-wuppertal.de)



Verbindungstürme mit Treppen und Aufzügen



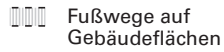
Eingänge



Straßen



Fußwege



Fußwege auf Gebäudeflächen



Treppen

