















# Week I: Mechatronic and Robotic Systems Engineering

Time	Sunday 18 <sup>th</sup> February	Monday 19 <sup>th</sup> February	Tuesday 20 <sup>th</sup> February	Wednesday 21 <sup>st</sup> February	Thursday 22 <sup>nd</sup> March	Friday 23 <sup>rd</sup> March	Saturday 24 <sup>th</sup> March				
9:00-9:30	 <p>Individual Arrival of Participants ***</p> <p>Pick up at Aachen Central Train Station ***</p> <p>Get-Together with the Buddies</p>			 <p>City Excursion to the City of Maastricht (Netherlands)</p>			<p>Free Time for Excursions, Sight-Seeing and Self-Study</p>				
9:30-10:00											
10:00-10:30			<p>Welcome Orientation RWTH and Aachen</p> 		<p>Intercultural Workshop</p> 	<p>Lecture and Exercises: Mechatronics and Robotics (Lorenz, Dipl.-Ing.)</p>		<p>Fundamentals of Mechatronic Systems Engineering (Beger, Dipl. Ing.)</p>			
10:30-11:00											
11:00-11:30											
11:30-12:00											
12:00-12:30			<p>Lunch Break at the "Mensa Academica or Mensa Vita"</p>			<p>Lunch Break at the "Mensa Academica or Mensa Vita"</p>					
12:30-13:00											
13:00-13:30											
13:30-14:00											
14:00-14:30			<p>Get to know RWTH and Aachen: Winter School „Scavenger Hunt“</p> 		<p>Introduction to Course Content: Mechatronics and Robotics (Prof. Corves)</p>	<p>Lecture and Exercises: Mechatronics and Robotics (Lorenz, Dipl.-Ing.)</p>		<p>Fundamentals of Mechatronic Systems Engineering (Beger, Dipl. Ing.)</p>			
14:30-15:00											
15:00-15:30											
15:30-16:00											
16:00-16:30											
16:30-17:00											
17:00-17:30											
17:30-18:00											
18:00-18:30											
18:30-19:00											
19:00-19:30											
19:30-20:00											
20:00-20:30					<p>Winter School Candlelight Dinner</p> 						
20:30-21:00			<p>Optional: International Tuesday with the INCAS Student Organisation</p> 								
21:00-21:30											
21:30-22:00											

# Week II: Mechatronic and Robotic Systems Engineering

Time	Sunday 25 <sup>th</sup> February	Monday 26 <sup>th</sup> February	Tuesday 27 <sup>th</sup> February	Wednesday 28 <sup>th</sup> February	Thursday 01 <sup>st</sup> March	Friday 02 <sup>nd</sup> March	Saturday 03 <sup>rd</sup> March	
9:00-9:30	Free Time for Excursions, Sight-Seeing and Self-Study	Information Theory and Systematic Design of Communi- cation Systems (Prof. Schmeink)	Case Study: Mechatronic Product Innovation (Dr. Gensterblum)	Case Study: Mechatronic Product Innovation (Dr. Gensterblum)	Case Study Challenge: Mechatronic Product Innovation (Dr. Gensterblum)	Free Time for Self Study 	Individual Departure of Participants 	
9:30-10:00								Exam
10:00-10:30								
10:30-11:00								
11:00-11:30								
11:30-12:00								
12:00-12:30		Lunch Break at the "Mensa Academica or Mensa Vita"						
12:30-13:00								
13:00-13:30								
13:30-14:00								
14:00-14:30		Free Time for Excursions, Sight-Seeing and Self-Study	Information Theory and Systematic Design of Communi- cation Systems (Prof. Schmeink)	Case Study: Mechatronic Product Innovation (Dr. Gensterblum)	Case Study: Mechatronic Product Innovation (Dr. Gensterblum)	Free Time for Self Study 		Winter School Closing Ceremony 
14:30-15:00								
15:00-15:30								
15:30-16:00								
16:00-16:30								
16:30-17:00								
17:00-17:30		Master-Talk with the RWTH International Academy Master Office 						
17:30-18:00								
18:00-18:30								
18:30-19:00								
19:00-19:30	German Bowling with the Winter School Team 							
19:30-20:00								
20:00-20:30		Optional: International Tuesday with the INCAS Student Organisation 						
20:30-21:00								
21:00-21:30	Optional: Get-Together in the Pontstraße 							
21:30-22:00								

# Summer School: Legend to symbols



RWTH-related Activities



Aachen-related Activities



Arrival and Departure



Intercultural Workshop



Visits of Institutes and Companies



Closing Ceremony



Get-Together



Lunch is included



Dinner is included



Field trip



Hiking-Tour



Self-Study