


Week I: Winter School - Smart Factories 2019

Time	Sunday 3 rd February	Monday 4 th February	Tuesday 5 th February	Wednesday 6 th February	Thursday 7 th February	Friday 8 th February	Saturday 9 th February
9:00-9:30							
9:30-10:00							
10:00-10:30							
10:30-11:00							
11:00-11:30							
11:30-12:00							
12:00-12:30							
12:30-13:00							
13:00-13:30							
13:30-14:00							
14:00-14:30							
14:30-15:00					Individual Arrival of Participants		
15:00-15:30					***		
15:30-16:00							
16:00-16:30					Pick-up at Aachen Hbf Train Station		
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							
20:30-21:00							
21:00-21:30							
21:30-22:00							

Welcome Orientation
RWTH and
Aachen



Lunch Break at
"Mensa Vita"



Individual Arrival of
Participants


Pick-up at Aachen
Hbf Train Station

Introduction to Ad-
vanced Production
Engineering


Cybernetics Lab

City Excursion to
Maastricht
(The Netherlands)

Week II: Winter School - Smart Factories 2019

Time	Sunday 10 th February	Monday 11 th February	Tuesday 12 th February	Wednesday 13 th February	Thursday 14 th February	Friday 15 th February	Saturday 16 th February			
9:00-9:30	Free Time for Traveling, Sight-Seeing and Self-Study	CPS, IoT und Data Integration		Introduction to Industrial Robotics and Industry 4.0	Kinematic Calcu- lation of Industrial Robots: Exercise Path Planning and Control	Additive Digital Manufacturing				
9:30-10:00			Cybernetics Lab					Visit of "Smart Auto- mation Lab"	IGMR	DAP / Fraunhofer ILT
10:00-10:30										
10:30-11:00										
11:00-11:30										
11:30-12:00										
12:00-12:30		Lunch Break at "Mensa Vita"								
12:30-13:00		Lunch Break at "Mensa Vita"								
13:00-13:30		Lunch Break at "Mensa Vita"								
13:30-14:00		Lunch Break at "Mensa Vita"								
14:00-14:30										
14:30-15:00										
15:00-15:30			Data Mining	Modern Robotics in Production	Kinematic Calcu- lation of Industrial Robots: Exercise Kinematics	Kinematic Calcu- lation of Industrial Robots: Case Study (Practical Application)		Additive Digital Manufacturing		
15:30-16:00			Cybernetics Lab	Cybernetics Lab	IGMR	IGMR		DAP / Fraunhofer ILT		
16:00-16:30										
16:30-17:00										
17:00-17:30										
17:30-18:00		Free Time for Self-Study	"Study at RWTH" Info-Event 	Free Time for Self-Study		Free Time for Self-Study				
18:00-18:30										
18:30-19:00										
19:00-19:30										
19:30-20:00										
20:00-20:30					Get-Together with the Winter School Team					
20:30-21:00										
21:00-21:30										
21:30-22:00										

Week III: Winter School - Smart Factories 2019

Time	Sunday 17 th February	Monday 18 th February	Tuesday 19 th February	Wednesday 20 th February	Thursday 21 st February	Friday 22 nd February	Saturday 23 rd February		
9:00-9:30	Free Time for Traveling, Sight-Seeing and Self-Study	The Digital Supply Chain (Smart Factory)	Free Time for Self-Study						
9:30-10:00			FIR					Final Exam	
10:00-10:30									
10:30-11:00									
11:00-11:30		Lunch Break at "Mensa Vita"							
11:30-12:00		Lunch Break at "Mensa Vita"							
12:00-12:30		Lunch Break at "Mensa Vita"							
12:30-13:00		Lunch Break at "Mensa Vita"							
13:00-13:30		Lunch Break at "Mensa Vita"							
13:30-14:00		Lunch Break at "Mensa Vita"							
14:00-14:30		Ergonomic Design of Human-Machine Interaction in Ad- vanced Manufactur- ing Systems	Winter School Closing Ceremony					Individual Departure of Participants	
14:30-15:00			IAW						
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									
20:30-21:00									
21:00-21:30									
21:30-22:00									

Winter School: Legend to symbols



RWTH-related Activities



Aachen-related Activities



Arrival and Departure



Intercultural Workshop



Visits of Institutes and Companies



Closing Ceremony



Get-Together



Snacks are included



Dinner is included



Field trip/Excursion



Hiking-Tour



Sports events