

# Week I: Agile Innovation: Product Design meets Engineering - Tentative Weekly Schedule

Time	Sunday 1 <sup>st</sup> September	Monday 2 <sup>nd</sup> Sept.	Tuesday 3 <sup>rd</sup> Sept.	Wednesday 4 <sup>th</sup> Sept.	Thursday 5 <sup>th</sup> Sept.	Friday 6 <sup>th</sup> September	Saturday 7 <sup>th</sup> Sept.			
8:00 - 8:30	Arrival of Participants						Free Time for Excursions, Sight-Seeing and Self-Study			
8:30 - 9:00										
9:00 - 9:30				Strategies in Product Planning and Requirements Engineering	Functional Analysis	CAD and Modelling Methods		Introduction to 3D Printing		
9:30 - 10:00										
10:00 - 10:30		Welcome Orientation				CAD and Modelling Methods		Project: Goal Definition and Concept Development		
10:30 - 11:00										
11:00 - 11:30				Product Disassembly and Structural Analysis	Product Architecture					
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								Inspection and Assembly of 3D-Printed Parts; 1st Review of Engineering Design		
14:30 - 15:00		Get to know Aachen: Summer School "City Rally"	Requirements Analysis	Synthesis of Solution Principles	CAD and Modelling Methods				Agile Methods in Engineering Design	
15:00 - 15:30										
15:30 - 16:00				Function Based Design		Generation of Solution Principles				
16:00 - 16:30										
16:30 - 17:00										
17:00 - 17:30										
17:30 - 18:00										
18:00 - 18:30					Summer School BBQ					
18:30 - 19:00										
19:00 - 19:30										
19:30 - 20:00						Karaoke Night with the Summer School Team				
20:00 - 20:30										
20:30 - 21:00										
21:00 - 21:30										
21:30 - 22:00										

# Week II: Agile Innovation: Product Design meets Engineering - Tentative Weekly Schedule

Time	Sunday 8 <sup>th</sup> September	Monday 9 <sup>th</sup> Sept.	Tuesday 10 <sup>th</sup> Sept.	Wednesday 11 <sup>th</sup> Sept.	Thursday 12 <sup>th</sup> Sept.	Friday 13 <sup>th</sup> September	Saturday 14 <sup>th</sup> Sept.	
8:00 - 8:30	Free Time for Excursions, Sight-Seeing and Self-Study						Individual Departure of Participants	
8:30 - 9:00								
9:00 - 9:30		Project: Engineering Design (1st Sprint)	Project: Engineering Design (1st Sprint)	Project: Engineering Design (1st Sprint)		Project: Engineering Design (2nd Sprint)		Presentation and Show Session: Final Concepts
9:30 - 10:00								
10:00 - 10:30								
10:30 - 11:00								
11:00 - 11:30								
11:30 - 12:00			2nd Review of Engineering Design					
12:00 - 12:30								
12:30 - 13:00			Lunch Break at "Mensa Vita"					
13:00 - 13:30					City Excursion to Maastricht (The Netherlands)			
13:30 - 14:00								
14:00 - 14:30			Project: Engineering Design (1st Sprint)	Project: Engineering Design (2nd Sprint)		Project: Inspection and Assembly of 3D-Printed Parts; Finishing of Prototype		Summer School Closing Ceremony
14:30 - 15:00								
15:00 - 15:30								
15:30 - 16:00						Scientific Documentation and Presentation		
16:00 - 16:30								
16:30 - 17:00								
17:00 - 17:30								
17:30 - 18:00				Study at RWTH Aachen Info-Event				
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								