

DSM-TP 2017 - Program

Time slots	Monday	Tuesday	Wednesday	Thursday	Friday
08:00-08:30	Registration / Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
08:30-09:00		Metamodeling / operational semantics in Epsilon	Model transformation	Statecharts modeling	Usability of DSLs
09:00-09:30	Welcome				
09:30-10:00	Need for DSM	Assignment: DSL engineering in metaDepth	Rule-based model transformation in AToMPM	Assignment: Statecharts modelling Yakindu	Process modeling
10:00-10:30					
10:30-11:00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:00-11:30	Domain modeling	IDE synthesis in Xtext	Assignment: operational semantics in AToMPM	Translational semantics: DSL to Statecharts	DSM for CPS
11:30-12:00					
12:00-14:00	Lunch	Lunch	Lunch	Lunch	Lunch (Pizza)
14:00-14:30	Modeling language engineering	Concrete visual syntax	Incrementality & traceability	Formal verification (model checking, testing)	Reverse engineering legacy code
14:30-15:00					
15:00-15:30	Variability / product families	DSL engineering in AToMPM	Incremental queries in IncQuery	Formal methods	DSM in industry
15:30-16:00					
16:00-16:30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
16:30-17:00	Variability modeling in Clafer	Assignment: DSL engineering in AToMPM	Template-based code generation	Assignment: formal methods	Advanced topic on DSM
17:00-17:30					
17:30-18:00	Assignment: variability modelling in Clafer		Assignment: code generation using EGL		Conclusion
18:00-18:30					
18:30-19:00	Welcome reception @ Saint-Houblon				
19:00-19:30					
19:30-20:00					
20:00-20:30					
20:00-20:30	<i>Legend:</i>	Theory	Summer school dinner @ Bateau-mouche		
20:30-21:00		Hands-on demo			
21:00-21:30		Assignment			
21:30-22:00		Break			
22:00-22:30		Social event			