

	Day 1 Schedule	Day 2 Schedule
	Mon Apr 22	Tue Apr 23
9:00-10:30	<i>Tutorial 1</i>	<i>Tutorial 3</i>
	Speaker: Supratik Chakraborty	Speaker: Mikolas Janota
	Topic: Boolean Functional Synthesis	Topic: Exploring Connections between Automated Reasoning and Synthesis
10:30-11:00	<i>Coffee</i>	<i>Coffee</i>
11:00-11:45	Introductions (at most 1 slide, 90s per person)	<i>Session D2M1</i>
		Speaker: Roland Jiang
		Topic: Stochastic Boolean Satisfiability: Recent Developments and Connection to Functional Synthesis
		<i>Session D2M2</i>
11:45-12:15		Speaker: Arijit Shaw
		Topic: An Approximate Skolem Function Counter
12:15-2:00	<i>Lunch</i>	<i>Lunch</i>
2:00-3:30	<i>Tutorial 2</i>	<p>Excursion</p> <p>We are planning a hike "through the enchanting landscape and on romantic paths" to the Noswendel lake. This trail is mostly flat and should take us around 3.5 hours. For more details see https://www.visitsaarland.co.uk/Media/Tours/Himmels-Gaeaes-Paad</p> <p>We leave at 2:00 sharp, let's meet outside in front of the reception area.</p>
	Speaker: Ruediger Ehlers	
	Topic: Reactive Synthesis	
3:30-4:00	<i>Cake</i>	
4:00-4:45	<i>Session D1A1</i>	
	Speaker: Pierre Marquis	
	Topic: Boosting Definability Bipartition Computation using SAT Witnesses	
4:45-5:30	<i>Session D1A2</i>	
	Speaker: Friedrich Slivovsky	
	Topic: Solving Dependency Quantified Boolean Formulas with Counterexample-Guided Synthesis	
6:00 PM	<i>Dinner</i>	<i>Dinner</i>
7:30 PM	Opening of art exhibit » inside - outside « by the German artist Tina Stein.	

	Day 3 Schedule	Day 4 Schedule
	Wed Apr 24	Thu Apr 25
9:00-9:30	Mark Santolucito Reactive Program Synthesis Modulo LLM Code Generation	Dror Fried On Dependent Variables in Reactive Synthesis
9:30-10:00	Sanjit Seshia Oracle-Guided Inductive Synthesis, Learning Theory, and LLMs	Shufang Zhu On the Power of LTLf in Reactive Synthesis
10:00-10:30	Mate Soos A problem with functional synthesis	Suguman Bansal The Curious Case of Verification and Synthesis over Finite Traces
10:30-11:00	<i>Coffee</i>	<i>Coffee and PHOTO SESSION</i>
11:00-11:30	Competition discussion: Johannes Fichte, Guillermo Perez	Subhajt Roy Synthesis of Semantic Actions in Attribute Grammars
11:30-12:00		R. Govind Pre-condition and program synthesis for Polynomial Specifications over Integers
12:15-2:00	<i>Lunch</i>	<i>Lunch</i>
2:00-2:30	Deepak D'Souza Symbolic Fixpoint Approaches for Logical LTL Games	Alexis de Colnet Compilation of non-CNF systems of constraints
2:30-3:00	Rayna Dimitrova Synthesis of Infinite-State Reactive Systems (and why it needs functional synthesis for theories beyond Boolean)	Ute Schmid A Short Introduction to Inductive Functional Programming
3:00-3:30	Tejaswini K. S. Faster and space-efficient algorithms for reactive synthesis via solving parity and Rabin games	Jose Cambroner (Applied) Programming-by-Example --- and (future?) use of LLMs
	<i>Cake</i>	<i>Cake</i>
4:00-4:30	Alfons Laarman The Unreasonable Effectiveness of (Classical) Automated Reasoning in Quantum Physics	Round 2: Open problem sessions, discussions and breakout
4:30-5:30	Round 1: Open problem session	
6:00 PM	<i>Dinner</i>	<i>Dinner</i>

Day 5 Schedule		
Fri Apr 26		
9:00-9:30	Ashwani Anand	
	To Assume, Or Not To Assume	
9:30-10:00	Katrine Bjorner	
	Formal XAI via Syntax-Guided Synthesis	
10:00-10:30	Benedikt Maderbacher	
	Reactive Synthesis modulo Theories using Abstraction Refinement	
10:30-11:00	Tobias Meggendorer	
	A Flock of Birds: Owl & Strix	
11:00-11:30	Coffee	
11:30	<i>Fin.</i>	