

ARVI Summer School on Runtime Verification 2016

		Day 1 - 23rd September 2016		Day 2 - 24th September 2016		Day 3 - 25th September 2016	
09:00	09:45	REGISTRATION		Monitoring LTL specifications	Martin Leucker	Design and Monitoring of Component-Based Systems	Marius Bozga
09:45	10:30	RV Overview + RV vs other techniques + Overview of the 3 days topics + Manual Monitoring	Ylies Falcone	Monitorability		Distributed monitoring and monitoring distributed systems	Borzoo Bonakdarpour
11:00	11:45	Monitoring with AOP	Gordon Pace	Existing approaches to handling data in user-provided specifications	Klaus Havelund	Time-Triggered monitoring	Borzoo Bonakdarpour
11:45	12:30	Towards monitoring from specification languages				Monitoring Cyber-Physical Systems	Nickovic Dejan
14:00	14:45	Monitoring concurrency errors: detection of deadlocks, atomicity violations, and data races	Joao Lourenco	Performance issues and optimizations	Giles Reger	Combined Static and Runtime Verification	Wolfgang Ahrendt
14:45	15:30					Bytecode manipulation for Runtime Verification	Walter Binder
16:00	16:45	Hands on	Christian Colombo	Hands on	Christian Colombo	A Theory of Monitors	Adrian Francalanza
16:45	17:30					Runtime enforcement	Ylies Falcone
18:00		Optional further assistance with hands on		Optional further assistance with hands on		Reception	