

Annual Meeting 2014

SPP 1496: Reliably Secure Software Systems
Universität Trier



Tuesday, October 07, 2014

from 08:30	REGISTRATION	
09:00–09:15	Welcome to the Annual Meeting 2014	Ralf Küsters, Heiko Mantel
09:15–09:45	RS³ - Vision, Current Status, Next Steps	Heiko Mantel
09:45–10:45	Project Session 1 – MORES: Modelling and Refinement of Security Requirements on Data and Processes – IFlow: Developing Systems with Secure Information Flow	Dieter Hutter Wolfgang Reif
10:45–11:15	COFFEE BREAK	
11:15–12:15	Project Session 2 – E-Voting: Implementation-Level Analysis of E-Voting Systems – SpAGAT: Secrecy and Information Flow in Shared Document Bases	Ralf Küsters Bernd Finkbeiner, Helmut Seidl
12:15–13:45	LUNCH	
13:45–14:45	Progress Report on Reference Scenarios – Security in E-Voting – Security in Web-based Workflow Management Systems – Software Security for Mobile Devices	Heiko Mantel, Richard Gay
14:45–15:00	Discussion on Reference Scenarios	Richard Gay, Heiko Mantel
15:00–15:30	COFFEE BREAK	
15:30–16:30	Project Session 3 – RSCP: Reliable Security for Concurrent Programs – IFC4MC: Information Flow Control for Mobile Components Based on Precise Analysis for Parallel Programs	Heiko Mantel Markus Müller-Olm, Gregor Snelting
16:30–17:00	COFFEE BREAK	
17:00–18:00	Keynote: “Securing Web Applications”	Andrei Sabelfeld
18:00–19:30	DEPARTURE FOR RS ³ RECEPTION	
from 19:30	Reception with Ceremony for the Best Paper 2014	

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Wednesday, October 08, 2014

09:00–10:00	Keynote: “Vellvm: Verifying Safety in the LLVM IR”	Stephan Zdancewic
10:00–10:30	COFFEE BREAK	
10:30–10:45	Organizational Issues	Matthias Perner
10:45–11:15	Project Clusters	Heiko Mantel
11:15–12:15	Associated Projects	
	– ALBIA: Fully Automatic Logic-Based Information Flow	Richard Bubel
	– EURO-MILS: Secure European virtualisation for trustworthy applications in critical domains	Werner Stephan
	– MoVeSPaCI: Modular Verification of Security Properties in Actor Implementations	Arnd Poetzsch-Heffter
	– ServAut: Service Automata	Heiko Mantel
12:15–13:45	LUNCH	
13:45–15:15	Project Session 4	
	– INTERFLOW: Hybrid Static/Dynamic Inter-application Data-flow Analysis	Eric Bodden
	– IFC4BC: Information Flow Control for Browser Clients	Christian Hammer, Deepak Garg
	– SADAN: System-wide Data-driven Runtime Usage Control across Layers of Abstraction	Alexander Pretschner
15:15–15:45	COFFEE BREAK	
15:45–16:45	Project Session 5	
	– DeduSec: Program-level Specification and Deductive Verification of Security Properties	Bernhard Beckert, Vladimir Klebanov
	– SecDed: Secure Type Systems and Deduction	Tobias Nipkow
16:45–17:00	Closing	Heiko Mantel
17:00–17:45	Principal Investigator Meeting	Heiko Mantel

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Thursday, October 09, 2014

09:00–09:15	Objectives of this Staff Meeting	Richard Gay
09:15–09:30	Reference Scenarios: Report on Spokespersons' Plans	plenary session (moderator: Richard Gay)
09:30–12:30	Reference Scenarios: Working Session on Security in-the-Large <ul style="list-style-type: none">– definition and challenges– flexible COFFEE BREAK of 15min– vision for the end of Phase 3	parallel sessions
12:30–13:30	LUNCH	
13:30–14:15	Presentations on Security in-the-Large	plenary session (moderator: Richard Gay)
14:15–15:45	Testing Session <ul style="list-style-type: none">– CoCon (14:15–15:00)– RS³ Certifying App-Store (15:00–15:45)	plenary session Andrei Popescu Steffen Lortz
15:45–16:00	COFFEE BREAK	
16:00–17:30	Reference Scenarios: Plans for Improvements <ul style="list-style-type: none">– concrete plans for improving the existing tools and techniques	parallel sessions
17:30–18:00	Reference Scenarios: Individual Synergies <ul style="list-style-type: none">– benefits in the past– expected benefits for the future	solitary sessions

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Friday, October 10, 2014

09:00–09:15	Organizational Issues and Objectives of the Day	Richard Gay, Matthias Perner
09:15–10:15	Presentation of Plans for Improvements	plenary session (moderator: Richard Gay)
10:15–10:30	COFFEE BREAK	
10:30–11:00	Presentation of Individual Synergies – short presentation by each participant	plenary session (moderator: Richard Gay)
11:00–12:30	Reference Scenarios: Working Session on Security in-the-Large – next steps towards Security in-the-Large	parallel sessions
12:30–13:30	LUNCH	
13:30–13:40	Introduction to Discussion in Project Clusters	Matthias Perner
13:40–15:45	Discussion in Project Clusters – update each other – exchange information about current highlights	parallel sessions
15:45–16:00	COFFEE BREAK	
16:00–17:00	Presentation of Next Steps Towards Security in-the-Large	plenary session (moderator: Richard Gay)
17:00–17:15	Closing	Richard Gay, Matthias Perner