Annual Meeting 2015

SPP 1496: Reliably Secure Software Systems
Universität Bremen

Monday, October 05, 2015

from 08:30	REGISTRATION	
09:00–09:15	**Welcome to the Annual Meeting 2015**	Dieter Hutter, Heiko Mantel
09:15–09:45	**RS^3 – Vision, Current Status, Next Steps**	Heiko Mantel
09:45–10:45	**Project Session 1**	
	– SpAGAT: Secrecy and Information Flow in Shared Document Bases	Bernd Finkbeiner, Helmut Seidl
	– E-Voting: Implementation-Level Analysis of E-Voting Systems	Ralf Küsters
10:45–11:15	COFFEE BREAK	
11:15–12:15	**Project Session 2**	
	– RSCP: Reliable Security for Concurrent Programs	Heiko Mantel
	– IFC4MC: Information Flow Control for Mobile Components Based on Precise Analysis for Parallel Programs	Markus Müller-Olm, Gregor Snelting
12:15–13:45	LUNCH	
13:45–14:45	**Project Session 3**	
	– IFlow: Developing Systems with Secure Information Flow	Wolfgang Reif
	– SecDed: Secure Type Systems and Deduction	Tobias Nipkow
14:45–15:15	COFFEE BREAK	
15:15–16:15	**Progress Report on Reference Scenarios**	Heiko Mantel, Richard Gay
	– Security in E-Voting	Enrico Scapin
	– Software Security for Mobile Devices	David Schneider
	– Security in Web-based Workflow Management Systems	Andrei Popescu, Thomas Bauereiß
16:15–16:30	**Discussion on Reference Scenarios**	Heiko Mantel, Richard Gay, Matthias Perner
16:30–17:00	COFFEE BREAK	
17:00–18:00	**Keynote:** **Quantitative Aspects in Information Leakage**	Catuscia Palamidessi
18:00	DEPARTURE TO "HAUS AM WALDE" FOR RS^3 RECEPTION	
from 19:30	**Reception with Ceremony for the Best Paper 2015**	

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Tuesday, October 06, 2015

09:00–10:00	**Keynote:** **Secure Compilation: Why and How?**	Frank Piessens
10:00–10:30	COFFEE BREAK	
10:30–10:45	**Organizational Issues**	Matthias Perner
10:45–12:15	**Associated Projects** – ALBIA: Fully Automatic Logic-Based Information Flow – FIfAKS: Formal Information-Flow Specification and Analysis in Component-Based Systems – ServAut: Service Automata – Secure Refinement of Cryptographic Algorithms	
12:15–13:45	LUNCH	
13:45–15:15	**Project Session 4** – 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
	– INTERFLOW: Hybrid Static/Dynamic Inter-application Data-flow Analysis	Eric Bodden
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
	– MORES: Modelling and Refinement of Security Requirements on Data and Processes	Dieter Hutter
16:45–17:00	**Closing**	Heiko Mantel
17:00–17:45	**Principal Investigator Meeting**	Heiko Mantel

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Wednesday, October 07, 2015

09:00–09:30	**Objectives of the Staff Meeting and Intro: RIFL – A Library of Examples**	Matthias Perner
09:30–12:00	**RIFL – A Library of Examples** – develop test programs for information-flow analysis tools – define information-flow requirements for these test programs in RIFL 1.0 – collect wishes and desires for RIFL 2.0 – 15min of flexible coffee break	parallel sessions
12:00–12:15	**Presentation:** **RIFL – A Library of Examples**	plenary session (moderator: Matthias Perner)
12:15–12:30	**Intro: Reference Scenarios – Survey of Contributions**	Matthias Perner
12:30–13:30	LUNCH	
13:30–15:30	**Reference Scenarios – Survey of Contributions** – collect a list of contributions of the reference scenario – for each contribution list how it was evaluated – update the vision of the reference scenarios in one year based on the collected contributions – identify for which contributions an evaluation is missing – identify what contributions are missing for the updated vision	parallel sessions
15:30–15:45	**Intro: Project Clusters – Overview of Technologies**	Matthias Perner
15:45–16:00	COFFEE BREAK	
16:00–18:00	**Project Clusters – Overview of Technologies** – create an overview about technologies developed in the cluster and their related work – identify possible collaborations based on existing technologies	parallel sessions

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Thursday, October 08, 2015

09:00–09:15	**Objectives of the Day and Organizational Issues**	David Schneider
09:15–11:30	**Reference Scenarios – Evaluation of Contributions** – investigate how the different contributions of the reference scenario can be evaluated – plan evaluations for the contributions fixed on the previous day – 15min of flexible coffee break	parallel sessions
11:30-12:00	**Presentation:** **Reference Scenarios – Evaluation of Contributions**	plenary session (moderator: Matthias Perner)
12:00-12:15	**Intro: Reference Scenarios – A Step Towards Achieving the Vision**	Matthias Perner
12:15–13:15	LUNCH	
13:15–15:00	**Reference Scenarios – A Step Towards Achieving the Vision** – complete one of the planned contributions	parallel session
15:00–15:15	COFFEE BREAK	
15:15–16:15	**Reference Scenarios – A Step Towards Achieving the Vision** – complete one of the planned contributions	parallel session
16:15–16:45	**Presentation:** **Reference Scenarios – Achievements**	plenary session (moderator: Matthias Perner)
16:45–17:00	**Closing**	Matthias Perner, David Schneider