



## Student Seminar Advance Program

September 5	08.30 – 09.00	Welcome and Seminar presentation
	09.00 – 11.00	<p><b>Session on Security</b> Chair: Christiaan Lamprecht, University of Newcastle upon Tyne, UK</p>
	09.00 – 09.20	An Analysis of Attack Processes Observed on a High-Interaction Honeypot – Eric Alata, LAAS-CNRS, France
	09.20 – 09.40	Identifying the Source of Messages in Computer Networks - Marios S. Andreou, University of Newcastle upon Tyne, UK
	09.40 – 10.00	Vulnerability Assessment Through Attack Injection - João Antunes, University of Lisbon, Portugal
	10.00 – 10.20	Adaptive Security – Christiaan Lamprecht, University of Newcastle upon Tyne, UK
	10.20 – 10.40	ScriptGen: Using Protocol-Independence to Build Middle-Interaction Honeypots - Corrado Leita, Institut Eurecom, France
	10.40 – 11.00	Early Warning System Based on a Distributed Honeypot Network - VanHau Pham, F. Pouget, M. Dacier, Institut Eurecom, France
	11.00 – 11.20	<p><b>Open discussion on the Session</b> Moderator: Christiaan Johan Lamprecht, University of Newcastle upon Tyne, UK</p>
	11.20 – 11.50	<b>Coffee break</b>
	11.50 – 12.50	<p><b>Panel on Security Issues</b> Organizers: Eric Alata, LAAS-CNRS, France, Birgit Pfizmann, IBM Research, Switzerland Panelists: TBD</p>
	12.50 – 14.20	<b>Lunch</b>

<b>14.20 – 16.20</b>	<p align="center"><b>Session on System Modelling</b>  Chair: Benedicto Rodriguez, University of Southampton, UK</p>
<p><b>14.20 – 14.40</b> A Multi-Perspective Approach for the Design of Error-tolerant Socio-Technical Safety-Critical Interactive Systems - Sandra Basnyat, University Paul Sabatier, France</p> <p><b>14.40 – 15.00</b> ReSIST Knowledge Architecture: Semantically Enabling Large-scale Collaborative Projects - Afraz Jaffri, Benedicto Rodriguez, University of Southampton, UK</p> <p><b>15.00 – 15.20</b> Introducing Hazard and Operability Analysis (HazOp) in Business Critical Software Development - Torgrim Lauritsen, University of Newcastle upon Tyne, UK</p> <p><b>15.20 – 15.40</b> Enterprise Compliance at Stake. Dependability Research to the Rescue! - Samuel Müller, IBM Zurich Research Lab, Switzerland</p> <p><b>15.40 – 16.00</b> Fault Modelling for Residential Gateways – Sakkaravarthi Ramanathan, France Telecom, France</p> <p><b>16.00 – 16.20</b> Modelling Dependence and its Effects on Coincident Failure in Fault-Tolerant, Software-based Systems – Kizito Salako, CSR, City University, UK</p>	
<b>16.20 – 16.40</b>	<p align="center"><b>Open discussion on the Session</b>  Moderator: Benedicto Rodriguez, University of Southampton, UK</p>
<b>16.40 – 17.10</b>	<b>Coffee break</b>
<b>17.10 – 18.10</b>	<p align="center"><b>Panel on System Modelling</b>  Organizers: Kizito Salako, City University, UK, Brian Randell, University of Newcastle upon Tyne, UK  Panelists: TBD</p>
<b>18.10 – 20.00</b>	<b>Free gathering and informal discussions</b>
<b>20.30</b>	<b>Dinner</b>

<b>September 6</b>	<b>08.30 – 10.10</b>	<b>Session on Model-based Verification</b> Chair: Paolo Masci, University of Pisa, Italy
08.30 – 08.50 Detecting Data Leakage in Malicious Java Applets - Paolo Masci University of Pisa, Italy 08.50 – 09.10 Handling Large Models in Model-based Testing - Zoltán Micskei, Budapest University of Technology and Economics, Hungary 09.10 – 09.30 Testing Applications and Services in Mobile Systems – Nguyen Minh Duc, LAAS-CNRS, France 09.30 – 09.50 Behavior-Driven Testing of Windows Device Drivers – Constantin Sârbu, Technical University of Darmstadt, Germany 09.50 – 10.10 On Exploiting Symmetry to Verify Distributed Protocols – Marco Serafini, Technical University of Darmstadt, Germany and Péter Bokor, Budapest University of Technology and Economics, Hungary		
<b>10.10 – 10.30</b>		<b>Open discussion on the Session</b> Moderator: Paolo Masci, University of Pisa, Italy
<b>10.30 – 11.00</b>		<b>Coffee break</b>
<b>11.00 – 12.00</b>		<b>Panel on Model-based Verification</b> Organizers: Constantin Sârbu, Technical University of Darmstadt, Germany, Istvan Majzik, Budapest University of Technology and Economics, Hungary Panelists: TBD
<b>12.00 – 12.40</b>		<b>Session on Diversity</b> Chair: - Ilir Gashi, CSR, City University, UK
12.00 – 12.20 Potential for Dependability Gains with Diverse Off-The-Shelf Components: a Study with SQL Database Servers - Ilir Gashi, CSR, City University, UK 12.20 – 12.40 Improvement of DBMS Performance through Diverse Redundancy - Vladimir Stankovic, Peter Popov, CSR, City University, UK		
<b>12.40 – 13.00</b>		<b>Open discussion on the Session</b> Moderator: - Ilir Gashi, CSR, City University, UK
<b>13.00 – 14.30</b>		<b>Lunch</b>

<b>14.30 – 15.50</b>	<p align="center"><b>Session on Mobile Systems</b> Chair: Ludovic Courtès, LAAS-CNRS, France</p>
<p><b>14.30 – 14.50</b> Storage Mechanisms for Collaborative Backup of Mobile Devices - Ludovic Courtès, LAAS-CNRS, France</p> <p><b>14.50 – 15.10</b> Towards Error Recovery in Multi-Agent Systems - Alexei Iliasov, University of Newcastle upon Tyne, UK</p> <p><b>15.10 – 15.30</b> Increasing Data Resilience of Mobile Devices with a Collaborative Backup Service - Damien Martin-Guillerez, IRISA/ENS-Cachan, France</p> <p><b>15.30 – 15.50</b> Random Walk for Service Discovery in Mobile Ad hoc Networks - Adnan Noor Mian, University of Rome “La Sapienza”, Italy</p>	
<b>15.50 – 16.10</b>	<p align="center"><b>Open discussion on the Session</b> Moderator: Ludovic Courtès, LAAS-CNRS, France</p>
<b>16.10 – 16.40</b>	<b>Coffee break</b>
<b>16.40 – 17.40</b>	<p align="center"><b>Panel on Mobile Systems</b> Organizers: Adnan Noor Mian, University of Rome “La Sapienza”, Italy, Marc-Olivier Killijian, LAAS-CNRS, France Panelists: TBD</p>
<b>17.40 – 19.30</b>	<b>Free gathering and informal discussions</b>
<b>20.30</b>	<b>Banquet at Belvedere</b>

<b>September 7</b>	<b>08.30 – 10.50</b>	<p align="center"><b>Session on Distributed Systems</b> Chair: Paulo Sousa, University of Lisbon, Portugal</p>
<p><b>08.30 – 08.50</b> Quantitative Evaluation of Distributed Algorithms - Lorenzo Falai, University of Florence, Italy  <b>08.50 – 09.10</b> From Fast to Lightweight Atomic Memory in Large-Scale Dynamic Distributed Systems - Vincent Gramoli, IRISA - INRIA Rennes, CNRS, France  <b>09.10 – 09.30</b> Dependable Middleware for Unpredictable Environments – Odorico M. Mendizabal, António Casimiro, Paulo Verissimo  <b>09.30 – 09.50</b> A Language Support for Fault Tolerance in Service Oriented Architectures - Nicolas Salatge, LAAS-CNRS, France  <b>09.50 – 10.10</b> Challenges for an Interoperable Data Distribution Middleware - Sirio Scipioni, University of Rome “La Sapienza”, Italia  <b>10.10 – 10.30</b> Proactive Resilience - Paulo Sousa, University of Lisbon, Portugal  <b>10.30 – 10.50</b> A Mediator System for Improving Dependability of Web Services - Yuhui Chen, University of Newcastle upon Tyne, UK</p>		
<b>10.50 – 11.10</b>		<p align="center"><b>Open discussion on the Session</b> Moderator: Paulo Sousa, University of Lisbon, Portugal</p>
<b>11.10 – 11.30</b>		<p align="center"><b>Coffee break</b></p>
<b>11.30 – 12.30</b>		<p align="center"><b>Panel on Distributed Systems</b> Organizers: Vincent Gramoli, IRISA - INRIA Rennes, CNRS, France, Paulo Verissimo, University of Lisbon, Portugal Panelists: TBD</p>
<b>12.30 – 13.30</b>		<p align="center"><b>General discussion and wrap-up</b></p>
<b>13.30 – 15.00</b>		<p align="center"><b>Lunch</b></p>
<b>15.00</b>		<p align="center"><b>End of Student Seminar and bus back to Pisa Airport</b></p>