

## Timetable of Summer School "Security of Things" - SeThi - in Rostock

	24.08.2020 Monday	25.08.2020 Tuesday	26.08.2020 Wednesday	27.08.2020 Thursday	28.08.2020 Friday	29.08.2020 Saturday	30.08.2020 Sunday
	Welcome, Introduction, Talk 1 / Group work	Talk 2,3 & 4	Talk 5 & 6 Group work	Talk 7, 8 & 9	Talk 10, 11 & 12		
9:00 - 10:30	Welcome Rector, Opening and greetings, Short introduction of participants and lecturers Keynote: Alexander Norta [TalTech]	<i>Simeon Wiedenmann [UR]</i> Revising Some Computer Security Basics (Part 1)	<i>Thomas Mundt [UR]</i> Security Aspects of KNX, LoRaWAN, Z- Wave and Similar Protocols	<i>Johann Bauer [UR]</i> Hacking the DDC4200 Controller: Theoretical Background for the Workshop	<i>Johannes Goltz [UR]</i> Risk Analysis for Building Automation Systems		
10:30 - 11:00	Break	Break	Break	Break	Break		
11:00- 12:30	<i>Clemens H. Cap [UR]</i> Introduction to the summer school SeThi and SCADA Systems as Security Challenge; Distribution of group tasks	<i>Clemens H. Cap [UR]</i> Revising Some Computer Security Basics (Part 2)	<i>Andreas Zdziarstek [UR]</i> The Physical Layer in Field Bus Systems	<i>Simeon Wiedenmann [UR]</i> Comparison of Fieldbus Systems and Protocols	<i>Simeon Wiedenmann [UR]</i> Ethics of Hacking - Attack Vectors, Penetration Testing and the disclosure of vulnerabilities		
12:30 - 13:30	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break		
13:30- 15:00	Preparation of group tasks and consultation to the lecturers	<i>Thomas Mundt [UR]</i> Introduction to the KNX Bus System	Preparation of group tasks and consultation to the lecturers	<i>Johannes Goltz [UR]</i> Forensic Analysis in KNX Log Data	<i>Thomas Mundt [UR]</i> How We Found Out Who Refuses to Wash Hands: A Case Study on Privacy		
15:00- 15:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		
15:30 - 17:00							
Evening	Cultural Night	Cultural Night	Cultural Night	Cultural Night	Virtual Geocaching		

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	31.08.2020 Monday	01.09.2020 Tuesday	02.09.2020 Wednesday	03.09.2020 Thursday	04.09.2020 Friday	05.09.2020 Saturday	06.09.2020 Sunday
	Workshops (parallel)	Talk 13, 14 & 15, Group work	Talk 16 & 17, Partners	Workshops (parallel)	Talk 18 & 19, Group presentations		
09:00 - 10:30	<b>Workshop 1 - Group 1</b> Mobile Demonstrator of a KNX Bus Installation <b>Workshop 2 - Group 2</b> Penetration Testing with an Industrial controller <b>Workshop 3 - Group 3</b>	<i>Clemens H. Cap [UR]</i> Privacy and Data Protection	<i>Jens Krüger [LKA M-V]</i> Forensic analysis of IoT devices and field busses	<b>Workshop 1 - Group 3</b> Mobile Demonstrator of a KNX Bus Installation <b>Workshop 2 - Group 4</b> Penetration Testing with an Industrial controller <b>Workshop 3 - Group 1</b>	<i>Klaus-Uwe-Fehlauer [HSW]</i> Operators responsibility in building business		
10:30 - 11:00	Analysis of KNX-bus Log Data <b>Workshop 4 - Group 4</b>	Break	Break	Analysis of KNX-bus Log Data <b>Workshop 4 - Group 2</b>	Break		
11:00 - 12:30	Measurements on the Physical Layer of the KNX-bus	<i>Clemens H. Cap [UR]</i> Architecture and Technologies for Privacy	<i>Peter Wickboldt [UR]</i> Challenges for Managing a University Campus	Measurements on the Physical Layer of the KNX-bus	<i>Thomas Kemmerich [UB]</i> Communication Security in distributed critical infrastructures		
12:30 - 13:30	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break		
13:30 - 15:00	<b>Workshop 1 - Group 2</b> Mobile Demonstrator of a KNX Bus Installation <b>Workshop 2 - Group 3</b> Penetration Testing with an Industrial controller <b>Workshop 3 - Group 4</b>	<i>Darshit Pandya [UR]</i> Modeling field bus networks and model-driven security analysis	Guest lecture from industry partners: Alexander Gladisch [T-Systems]	<b>Workshop 1 - Group 4</b> Mobile Demonstrator of a KNX Bus Installation <b>Workshop 2 - Group 1</b> Penetration Testing with an Industrial controller <b>Workshop 3 - Group 2</b>	Presentations of group tasks		Abbreviations: UR - University of Rostock LKA M-V - Landes-kriminalamt Mecklenburg-Vorpommern HSW - Hochschule Wismar UB - Universität Bremen TaTech - TU Tallin
15:00 - 15:30	Analysis of KNX-bus Log Data <b>Workshop 4 - Group 1</b>	Coffee Break	Coffee Break	Analysis of KNX-bus Log Data <b>Workshop 4 - Group 3</b>	Break		
15:30 - 17:00	Measurements on the Physical Layer of the KNX-bus	Preparation of group tasks and consultation to the lecturers	Michael Paulus / Christine Bräuning [UR] Study and Research in Germany	Measurements on the Physical Layer of the KNX-bus	Feedback and evaluation		
Evening	Cultural Night	Cultural Night	Cultural Night	Cultural Night	Virtual Quiz		