

**Timetable of Summer School "Security of Things" - SeThi - Online - The times quoted refer to Daylight Saving Time: UTC +2**

	<b>24.08.2020 Monday</b>	<b>25.08.2020 Tuesday</b>	<b>26.08.2020 Wednesday</b>	<b>27.08.2020 Thursday</b>	<b>28.08.2020 Friday</b>	<b>29.08.2020 Saturday</b>	<b>30.08.2020 Sunday</b>
	<b>Welcome, Introduction, Talk 1 / Group work</b>	<b>Talk 2,3 &amp; 4</b>	<b>Talk 5 &amp; 6 Group work</b>	<b>Talk 7, 8 &amp; 9</b>	<b>Talk 10, 11 &amp; 12</b>		
9:00 - 10:30	9:00 Opening, Get Together 9:15 <i>Wolfgang Schareck [Rector UR]</i> Welcome and Greetings 9:30 Short introduction of participants and lecturers	<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>Alexander Norta [TalTech]</i> Keynote: Blockchain and IoT 11:45 <i>Clemens H. Cap [UR]</i> Introduction to the summer school SeThi and SCADA Systems as Security Challenge	<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	Distribution of group tasks; 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							
19:00	Icebreaking Game	Cultural Night: India	Cultural Night: Iran	Cultural Night: United Kingdom	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	<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	<i>Sven Heinrich [HSW]</i> Operators responsibility in building business		Abbreviations:  UR - University of Rostock  LKA M-V - Landes-kriminalamt Mecklenburg-Vorpommern  HSW - Hochschule Wismar  UB - Universität Bremen  TaTech - TU Tallinn
10:30 - 11:00	<b>Workshop 2 - Group 2</b> Penetration Testing with an Industrial controller	Break	Break	<b>Workshop 2 - Group 4</b> Penetration Testing with an Industrial controller	Break		
11:00 - 12:30	<b>Workshop 3 - Group 3</b> Analysis of KNX-bus Log Data	<i>Clemens H. Cap [UR]</i> Architecture and Technologies for Privacy	<i>Peter Wickboldt [UR]</i> Challenges for Managing a University Campus	<b>Workshop 3 - Group 1</b> Analysis of KNX-bus Log Data	<i>Thomas Kemmerich [UB]</i> Communication Security in distributed critical infrastructures		
12:30 - 13:30	<b>Workshop 4 - Group 4</b> Measurements on the Physical Layer of the KNX-bus	Lunch Break	Lunch Break	<b>Workshop 4 - Group 2</b> Measurements on the Physical Layer of the KNX-bus	Lunch Break		
13:30 - 15:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break		
15:00 - 15:30	<b>Workshop 1 - Group 2</b> Mobile Demonstrator of a KNX Bus Installation	<i>Darshit Pandya [UR]</i> Modeling field bus networks and model-driven security analysis	Guest lecture from industry partners: <i>Alexander Gladisch [T-Systems]</i>	<b>Workshop 1 - Group 4</b> Mobile Demonstrator of a KNX Bus Installation	<b>Presentations of group tasks</b>		
15:30 - 17:00	<b>Workshop 2 - Group 3</b> Penetration Testing with an Industrial controller	Coffee Break	Coffee Break	<b>Workshop 2 - Group 1</b> Penetration Testing with an Industrial controller	Break		
19:00	<b>Workshop 3 - Group 4</b> Analysis of KNX-bus Log Data	<b>Preparation of group tasks and consultation to the lecturers</b>	<i>Michael Paulus [UR]</i> Study and Research in Germany	<b>Workshop 3 - Group 2</b> Analysis of KNX-bus Log Data	Feedback, evaluation and conclusion		
19:00	<b>Workshop 4 - Group 1</b> Measurements on the Physical Layer of the KNX-bus	Cultural Night: Albania	Cultural Night: Germany	<b>Workshop 4 - Group 3</b> Measurements on the Physical Layer of the KNX-bus	Cultural Night: Lithuania	Virtual Pub Quiz	