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
	Arrival, Welcome and Introduction	**Talk 1 & 2, Study in Germany**	**Talk 3, 4, 5 & 6**	**Talk 7, 8, 9 & 10**	**Talk 11 & 12 Group work**	**Sports activities**	**Excursion to Schwerin**
09:00 - 10:30	Arrival, check in and reception	*Clemens H. Cap [UR]* Introduction to the summer school SeThi and SCADA Systems as Security Challenge; Distribution of group tasks	*Clemens H. Cap [UR]* Revising Some Computer Security Basics (Part 2)	*Johann Bauer [UR]* Hacking the DDC4200 Controller: Theoretical Background for the Workshop	*Simeon Wiedenmann [UR]* Ethics of Hacking - Attack Vectors, Penetration Testing and the disclosure of vulnerabilities	Offers for water sports activities: Canoeing, Rowing, Stand up paddling, Dragon boat, etc.	
10:30 - 11:00		Break	Break	Break	Break		Trip from Rostock to Schwerin by train
11:00 - 12:30		*Simeon Wiedenmann [UR]* Revising Some Computer Security Basics (Part 1)	*Thomas Mundt [UR]* Introduction to the KNX Bus System	*Simeon Wiedenmann [UR]* Comparison of Fieldbus Systems and Protocols	*Thomas Mundt [UR]* How We Found Out Who Refuses to Wash Hands: A Case Study on Privacy		
12:30 - 14:00		Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
14:00 - 15:30	Welcome, Opening and greetings, Group photo, Keynote: Alexander Norta [TalTech]	*Michael Paulus / Christine Bräuning [UR]* Study and research in Germany	*Thomas Mundt [UR]* Security Aspects of KNX, LoRaWAN, Z-Wave and Similar Protocols	*Johannes Goltz [UR]* Forensic Analysis in KNX Log Data	Preparation of group tasks and consultation to the lecturers	Offers for water sports activities: Canoeing, Rowing, Stand up paddling, Dragon boat, etc.	Free time in Schwerin with possibility to visit museums and galleries
15:30 - 16:00	Break	Break	Break	Break			
16:00 - 17:30	Organisational issues, Short introduction of the participants	Guided tour to the technical operation and computing centre (ITMZ) and the Computer Museum	*Andreas Zdziarstek [UR]* The Physical Layer in Field Bus Systems	*Johannes Goltz [UR]* Risk Analysis for Building Automation Systems			Guided tour to the castle and the Federal Parliament of Mecklenburg-Vorpommern
Evening	Visit to the university archive, Guided city tour and get together in Rostock	Free time in Rostock	Movie night & Talk about the movie	Free time in Rostock	Free time in Rostock	Free time in Rostock/ Warnemünde	Return to Rostock by train

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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	Talk 13 & 14, Group work	Talk 15 & 16, Presentations	Workshops	Talk 17 & 18, Presentations	Excursion to Schmarl	Departure
09:00 - 10:30	**Workshop1 - Group 2** Mobile Demonstrator of a KNX Bus Installation **Workshop 2 - Group 3** Penetration Testing with an Industrial controller **Workshop 3 - Group 4** Analysis of KNX-bus Log Data	*Clemens H. Cap [UR]* Privacy and Data Protection	*Jens Krüger [LKA M-V]* Forensic analysis of IoT devices and field busses	**Workshop1 - Group 2** Mobile Demonstrator of a KNX Bus Installation **Workshop 2 - Group 3** Penetration Testing with an Industrial controller **Workshop 3 - Group 4** Analysis of KNX-bus Log Data	*Klaus-Uwe-Fehlauer [HSW]* Operators responsibility in building business	Visit to the IGA Park Rostock and the traditional ship "Dresden" with exhibitions on board	Check out and departure
10:30 - 11:00		Break	Break		Break		
11:00 - 12:30	**Workshop 4 - Group 1** Measurements on the Physical Layer of the KNX-bus	*Clemens H. Cap [UR]* Architecture and Technologies for Privacy	*Peter Wickboldt [UR]* Challenges for Managing a University Campus	**Workshop 4 - Group 1** Measurements on the Physical Layer of the KNX-bus	*Thomas Kemmerich [UB]* Communication Security in distributed critical infrastructures		Abbreviations: UR - University of Rostock
12:30 - 14:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	LKA M-V - Landes-kriminalamt Mecklenburg-Vorpommern
14:00 - 15:30	**Workshop1 - Group 3** Mobile Demonstrator of a KNX Bus Installation **Workshop 2 - Group 4** Penetration Testing with an Industrial controller **Workshop 3 - Group 1** Analysis of KNX-bus Log Data	Preparation of group tasks and consultation to the lecturers	Guest lecture from industry partners	**Workshop1 - Group 4** Mobile Demonstrator of a KNX Bus Installation **Workshop 2 - Group 1** Penetration Testing with an Industrial controller **Workshop 3 - Group 2** Analysis of KNX-bus Log Data	Presentations of group tasks	Free time in Rostock/ Warnemünde	HSW - Hochschule Wismar
15:30 - 16:00			Break		Break		UB - Universität Bremen
16:00 - 17:30	**Workshop 4 - Group 2** Measurements on the Physical Layer of the KNX-bus		Job fair with and self presentation of students to industry partners	**Workshop 4 - Group 3** Measurements on the Physical Layer of the KNX-bus	Feedback and evaluation		
Evening	Culture evening with traditional German music and dances	Free time in Rostock	Boattrip in Warnemünde / BBQ on the beach	Free time in Rostock	Farewell dinner with participants, lecturers and organisers		