

SUMMER SCHOOL

Internet of Things (IoT) for Smart Cities



JULY 12–JULY 30 | RIGA | LATVIA | 2021

MON	12.07.	13.00–16.00	Riga Sight-seeing tour Meeting near entrance of RTU Student Hostel at 13.00 PM	
TUES	13.07.		Free day	
WED	14.07.	13.00–19.00	Fun day at Mežaparks Meeting near entrance of RTU Student Hostel at 13.00 PM	
THURS	15.07.		Free day	
FRI	16.07.	10.00–20.00	Field Trip to Koknese Meeting at main entrance near The Faculty of Electronics and Telecommunications at 9.30AM	
MON	19.07.	10.00–12.00	Fiber optical data transmission and sensor networks (Lecture) / A. Supe	RTU Campus, 12 Āzenes, room 201
		12.00–13.00	Free time	
		13.00–15.00	Design of Fiber optical networks – principles and further possibilities (Practical work in simulation environment) / R. Murnieks	RTU Campus, 12 Āzenes, room 232
TUES	20.07.	10.00–12.00	Frequency Comb sources and their application in telecommunications (Lecture) / T. Salgals	RTU Campus, 12 Āzenes, room 201
		12.00–13.00	Free time	
		13.00–15.00	Project Work "Introduction"	Siemens IoT Lab, RTU Campus, 12 Āzenes, room 327

WED	21.07.	10.00–12.00	Fiber optic transmission systems – Investigation of “power budget, connectors, couplers/splitters” (Laboratory work) / D. Prigunovs	RTU Campus, 12 Āzenes, room 234
		12.00 – 13.00	Free time	
		13.00–15.00	Fiber optic transmission systems – Investigation of “power budget, connectors, couplers/splitters” (Laboratory work) / D. Prigunovs	RTU Campus, 12 Āzenes, room 234
THURS	22.07.	10.00–12.00	Fiber optic transmission systems – Investigation of “Arc Fusion Splicing” (Laboratory work) / D. Prigunovs	RTU Campus, 12 Āzenes, room 234
		12.00–13.00	Free time	
		13.00–15.00	Fiber optic transmission systems – Investigation of “Arc Fusion Splicing” (Laboratory work) / D. Prigunovs	RTU Campus, 12 Āzenes, room 234
FRI	23.07.	10.00–12.00	Fiber optic transmission systems – Investigation of Optical Time Domain Reflectometry (OTDR) (Laboratory work) / D. Prigunovs	RTU Campus, 12 Āzenes, room 234
		12.00–13.00	Free time	
		13.00–15.00	Fiber optic transmission systems – Investigation of Optical Time Domain Reflectometry (OTDR) (Laboratory work) / D. Prigunovs	RTU Campus, 12 Āzenes, room 234
MON	26.07.	10.00–12.00	Design of Fiber optical networks – principles and further possibilities (Practical work in simulation environment) / R. Murnieks	RTU Campus, 12 Āzenes, room 232
		12.00–13.00	Free time	
		13.00–15.00	Project Work	Siemens IoT Lab, RTU Campus, 12 Āzenes, room 327
TUES	27.07.	10.00–12.00	Design of Fiber optical networks – principles and further possibilities (Practical work in simulation environment) / R. Murnieks	RTU Campus, 12 Āzenes, room 232
		12.00–13.00	Free time	
		13.00–15.00	Project Work	Siemens IoT Lab, RTU Campus, 12 Āzenes, room 327
WED	28.07.	10.00–12.00	Fifth-generation 5G technology use cases and implementation (Lecture) / T. Salgals	RTU Campus, 12 Āzenes, room 201
		12.00–13.00	Free time	
		13.00–15.00	Project Work	Siemens IoT Lab, RTU Campus, 12 Āzenes, room 327
THURS	29.07.	10.00–12.00	RoF technology basic work principles (Practical work in simulation environment) / T. Salgals	RTU Campus, 12 Āzenes, room 232
		12.00–13.00	Free time	
		13.00–15.00	Project Work	Siemens IoT Lab, RTU Campus, 12 Āzenes, room 327
FRI	30.07.	13.00	Final ceremony	

