

SFB Workshop on

Resource constraints - Recent research results and future directions within the SFB 876

October 10 & October 17, 2019, 16:15, Location: Campus North, Room C1-04-105 ([Communication Networks Institute](#))

Date	Time	Title	Presenter	Resource Constraints					Projects
				Ener.	Mem	RT	Com	CPU	
10.10	16:15	Introduction to part 1 (Christian Wietfeld)							
	16:20	Applying Large Models on Small Devices	Sebastian Buschjäger		X	X			A1
	16:40	Flexible Multi-Core Scheduling Help to Execute Machine Learning Algorithms Resource-Efficiently	Junjie Shi	X		X		X	A3
	17:00	Gotta Catch 'Em All: Techniques and Potentials of Client-based Mobile Network Data Analysis	Robert Falkenberg			X	X		A4
	17:20	A review on resource constraint distributed platforms for developing for integrative data analysis strategies.	Moritz Roidl, Aswin Ramachandran			X	X		A4
	17:40	Closing and outlook to part 2							
17.10	16:15	Introduction to part 2 (Jian-Jia Chen)							
	16:20	Nanoparticle Classification Using Frequency Domain Analysis On Resource-limited Platforms	Mikail Yayla	X	X	X			B2, A1
	16:40	Towards hybrid traffic with communicating automated vehicle	Tim Vranken				X	X	B4
	17:00	Towards data-driven simulation of end-to-end network performance indicators	Benjamin Sliwa	X		X	X		B4
	17:20	The LHCb full software HLT1 reconstruction sequence on GPU	Holger Stevens			X			C5
	17:40	Closing and next steps							

Each talk should target a **presentation time of 10-12 minutes**, in order to allow enough time for discussions.