Program of ML-RT-Agenda (July 9)

Time	activity	Title
Session 1 (9:00 – 10:00)		
9:00 – 10:00	Tarek Abdelzaher [keynote]	A roadmap for real-time embedded AI
10:00 – 10:30	break	
Session 2 (10:30 – 12:00)		
10:30 – 10:40	Isabelle Puaut	Machine learning for timing analysis: the good, the bad and the ugly [a shorter version of her keynote at WCET'24]
10:45 – 11:00	Anna Friebe	Machine learning opportunities in design and scheduling of real-time systems
11:00 – 11:15	Mourad Dridi+ Yasmina Abdeddaim	Some thoughts on CNNs real-time execution on NVIDIA GPUs
11:15 – 11:30	Benjamin Lesage	ARP-6983 and the challenges of ML implantation for avionic systems
11:30 – 11:45	Jian-Jia Chen	Flexible, efficient and robust sensing with AI
11:45 – 12:00	Open discussions	
12:00 – 13:30	lunch	
Session 3 (13:30 – 15:00)		
13:30 – 14:30	Giorgio Buttazzo [keynote]	Toward predictable AI-enabled real-time systems
14:30 – 14:45	Alan Burns	Classification using IDK cascades
14:45 – 15:00	Kuan-Hsun Chen	Costly and unsafe? A good case for reinforcement learning
15:00 – 15:30	break	
Session 4 (15:30 – 17:00)		
15:30 – 16:45	Open discussions	
16:45 – 17:00	Conclusions and next steps	• A summary of what we learned, found, discussed, … • Plan of our next actions and events • Feedback: