SLICES-SC Summer School
Volos, 19-21/7/2022

Open-RAN/Core/Edge Solutions for Cloud-Native Telco Experimental Platforms

Draft Agenda

Day 1: 19/7/2022

Time schedule	Session	Organisers
12:00 - 12:15	Introduction to SLICES and its activities	Serge Fdida, SU
12:15 - 12:30	Introduction to PAWR nodes towards 6G	Manu Gosain, PAWR Office
12:30 - 13:30	SD-RAN and SD-CORE	Rafael Vincente Rosa, Intel
13:30 - 14:30	*Lunch Break*	
14:30 - 15:30	Inside O-RAN E2, RIC and xAPPs	Navid Nikein, EUR
15:30 - 17:00	Cloud native technologies and cloud-based services development and management (including DevOps tools on cloud)	Yuri Demchenko (UVA)
17:00 - 18:00	O-RAN and Colosseum	Tomasso Melodia
18:00-20:00	SLICES meeting	Serge Fdida, SU
21:00 - 23:00	*Dinner*	

Day 2: 20/7/2022

Time schedule	Session	Organisers
9:00-10:00	E2E OAI/FlexRIC deployment (incl. remote demo using EURECOM's SOPHIA-NODE clusters)	Navid Nikein, EUR
10:00 - 11:00	PAWR nodes	TBD
11:00 - 11:30	*Coffee Break*	
11:30 - 12:30	SD-Fabric and Aether	Rafael Vincente Rosa, Intel
12:30-13:30	"Experiences from deploying the AETHER framework" (SU/UTH)	SU/UTH
13:00 - 14:30	*Lunch Break*	
14:30 - 15:30	SDR tools for experimentation: An Overview of NI USRPs and their use in experimental platforms	Raymond Knopp, EUR
15:30 - 17:30	3GPP 5G Core architecture (including illustrations with OAI 5GC)	Thien-Thinh Nguyen, EUR
17:30 - 23:00	*Social event by the beach side*	

Day 3: 21/7/2022

Time schedule	Session	Organisers
9:00 - 10:00	SD-Fabric, K8S-infrastructure @ Sophia Node	INRIA
10:00 - 11:00	SD-Fabric, K8S-infrastructure @ Sophia Node	INRIA
11:00 - 11:30	*Coffee Break*	
11:30 - 14:00	3GPP 5G RAN architecture (including illustrations with OAI RAN)	Raymond Knopp, EUR
14:00 - 15:00	*Lunch Break*	
15:00 - 16:00	Cloud Security and Compliance for cloud services development and assessment	Yuri Demchenko, UVA
16:00 – 16:30	Conclusions – Closing of the Summer School	Serge Fdida, SU