



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	Welcome	Thanasis Korakis, Univ. Of Thessaly
12:15 - 12:30	Introduction to SLICES and its activities	Serge Fdida, Sorbonne Université
12:30 - 12:45	Introduction to PAWR nodes towards 6G	Manu Gosain, PAWR Office
12:45 - 13:45	SD-RAN	Rafael Vincente Rosa, Intel
13:45 - 14:45	<i>Lunch Break</i>	
14:45 - 15:45	Inside O-RAN E2, RIC and xAPPs	Navid Nikein, EURECOM
15:45 - 17:15	Cloud native technologies and cloud-based services development and management (including DevOps tools on cloud)	Yuri Demchenko, Univ. of Amsterdam

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, EURECOM
10:00 - 11:00	PAWR nodes	Manu Gosain, PAWR Office
11:00 - 11:30	<i>Coffee Break</i>	
11:30 - 12:30	SD-Core and Aether	Rafael Vicente Rosa, Intel
12:30-13:30	"Experiences from deploying the AETHER framework" (SU/UTH)	Sorbonne Université/Univ. of Thessaly
13:00 - 14:30	<i>Lunch Break</i>	
14:30 - 15:30	SDR tools for experimentation: And Overview of the use of NI USRPs and emerging O-RU	Raymond Knopp, EURECOM
15:30 - 17:30	3GPP 5G Core architecture (including illustrations with OAI 5GC)	Thien-Thinh Nguyen, EURECOM
17:30 - 23:00	<i>Social event by the beach side</i>	



Day3: 21/7/2022

Time schedule	Session	Organisers
9:00 - 11:00	SD-Fabric, K8S-infrastructure @ Sophia Node	Damien Saucez, Inria
<i>11:00 - 11:30</i>	<i>Coffee Break</i>	
11:30 - 14:00	3GPP 5G RAN architecture (including illustrations with OAI RAN)	Raymond Knopp, EURECOM
<i>14:00 - 15:00</i>	<i>Lunch Break</i>	
15:00 - 16:00	Cloud Security and Compliance for cloud services development and assessment	Yuri Demchenko, Univ. of Amsterdam
16:00 – 16:30	Conclusions – Closing of the Summer School	Serge Fdida, Sorbonne Université

