



SLICES Summer School

Volos, Greece, July 2022

Welcome Note

Thanasis Korakis

University of Thessaly



UNIVERSITY OF
THESSALY



CERTH
CEBTH

University of Thessaly

- Founded in 1984
- Management is located in Volos, Thessaly, Greece
- Located in six different cities of Central Greece
- Forth larger academic institution in Greece



Network Implementation Testbed Laboratory (NITlab)

- Head: Prof. Thanasis Korakis
- 40 researchers (research engineers, postdocs, PhD students, master students)
- Research activities in the field of wired and wireless networking, cloud/edge, data management
- Strong participation in EU projects
- Website: nitlab.inf.uth.gr



NITOS Facility

- ✓ NITOS is a **remotely accessible testbed**, designed to achieve reproducibility of experimentation
- ✓ NITOS testbed is **open to the research community** 24/7 through the NITOS portal
- ✓ Parallel experimentation (**slicing**) of different users is enabled
- ✓ The testbed is based on **open-source software** that allows the design and implementation of new algorithms, enabling new functionalities on the existing hardware



Indoor RF Isolated Deployment

The NITOS RF Isolated Indoor Deployment:

- 50 Icarus nodes
- Multiple wireless interfaces (4G/5G, WiFi4/6, SDRs)
- Deployed in an isolated environment at a UTH campus building



SLICES Summer School - Volos

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

Duration: 3 days

Very well received by the community!

- Physical participation: 75 registrations
- Remote participation: 120 registrations



Volos - Pilio



- Port in the center of Greece
- Capital of the Magnesia regional unit
- Surrounded by the beautiful region of Pelion



Volos - Pilio

- A mountain at the southeastern of Thessaly
- Forms a hook-like peninsula between the Pagasetic Gulf and the Aegean Sea





Thank You!







slices

SC

