Francesca Costanzo

EDUCATION AND TRAINING

01/11/2017 – CURRENT
PHD STUDENT IN INFORMATION AND COMMUNICATION TECHNOLOGIES – DIET Department, Sapienza University of Rome

2015 – 2017
MASTER DEGREE IN COMMUNICATION ENGINEERING – Sapienza University of Rome

110 cum laude | Joint allocation of Communication and Caching Resources in Mobile Edge Computing

12/2014
BACHELOR DEGREE IN COMMUNICATION ENGINEERING – Sapienza Università di Roma

Progetto di un Algoritmo per l'Elezione di Nodi Data-Sink in Reti di Sensori Wireless

WORK EXPERIENCE

01/06/2018 – 31/05/2019 – DIET Department, Sapienza University of Rome
RESEARCH ACTIVITY IN THE RESEARCH ACTIVITY OF "PROACTIVE CACHING FOR 5G NETWORKS"

01/11/2017 – CURRENT – DIET Department, Sapienza University of Rome
PHD STUDENT FELLOWSHIP

PUBLICATIONS

6G in the Sky: On-demand Intelligence at the Edge of 3D Networks

https://doi.org/10.4218/etrij.2020-0205 – 2020
Emilio Calvanese Strinati Sergio Barbarossa Taesang Choi Antonio Pietrabissa Alessandro Giuseppi Emanuele De Santis Josep Vidal Zdenek Becvar Thomas Haustein Nicolas Cassiau Francesca Costanzo Junhyeong Kim Ilgyu Kim

[C2] Dynamic Resource Optimization and Altitude Selection in UAV-based Multi-access Edge Computing

DOI: 10.1109/ICASSP40776.2020.9053594
https://ieeexplore.ieee.org/document/9053594 – 2020
Francesca Costanzo; Paolo Di Lorenzo; Sergio Barbarossa

Joint Optimization of Caching and Transport in Proactive Edge Cloud

DOI: 10.23919/EUSIPCO.2018.8553288
https://ieeexplore.ieee.org/document/8553288 – 2018
Stefania Sardellitti; Francesca Costanzo; Mattia Merluzzi

CONFERENCES AND SEMINARS

09/2018 – Rome, Italy
EURASIP EUSIPCO 2018

Poster presentation of publication [C1]

04/2020 – Virtual Platform
ICASSP 2020

Video presentation of publication [C2]

POST-GRADUATE COURSES

07/2018
PhD Summer School "Complex Networks and Telecommunications"

Lake Como School of Advanced Studies

10/2018
PhD Short Course "Network Softwarization, Virtualization and Slicing foundation of 5Gth Generation Radio Mobile Network "

DIET Department, Sapienza University of Rome

12/2019
5G International PhD School

CNR, Roma

05/2019
Tensor Flow for ICT Applications

PhD Course, DIET Department, Sapienza University of Rome

LANGUAGE SKILLS

Mother tongue(s): ITALIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Social Media | Zoom | Google Drive