

# Foivos Ioannis Michelinakis

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## Experience

### Simula Metropolitan

Postdoctoral Fellow

5G / NB-IoT experimentation, analytics and KPIs verification.

Oslo, Norway

10/2018–Present

### Simula Research Laboratory

PhD Intern

Oslo, Norway

12/2017–02/2018

### IMDEA Networks Institute

Research assistant

Madrid, Spain

10/2012–09/2017

### Korea Advanced Institute of Science and Technology - KAIST

Visiting PhD student

Daejeon, Republic of Korea

1/2017–7/2017

### Spotify

PhD Intern

Development of a passive mobile bandwidth classification tool.

Stockholm, Sweden

9/2014–11/2014

### Hellenic Army (Greek Army)

Web developer / IT support

Athens, Greece

10/2011–7/2012

## Education

### University Carlos III of Madrid / IMDEA Networks Institute

PhD student,

Research in the areas of “Mobile Networks”, “Network Optimization” and “Content Distribution Networks”.

Madrid

10/2013–09/2018

### University Carlos III of Madrid

Master in Telematics engineering, 9.48/10 (top of class)

Track: Communication networks and services.

Madrid

10/2012–10/2013

### National Technical University of Athens (NTUA)

5-year Diploma in Electrical and Computer Engineering, 8.40/10 (top 10%)

Major: Telecommunications and Computer Networks, Minor: Electric Power Systems

Athens

9/2005–2/2011

## Select Publications

- [1] Nicola Bui, Foivos Michelinakis, and Joerg Widmer. A model for throughput prediction for mobile users. In *European Wireless*, Barcelona, Spain, May 2014.
- [2] Nicola Bui, Foivos Michelinakis, and Joerg Widmer. Fine-grained LTE radio link estimation for mobile phones. *Pervasive and Mobile Computing*, 2018.
- [3] F. Michelinakis, A. S. Al-selwi, M. Capuzzo, A. Zanella, K. Mahmood, and A. Elmokashfi. Dissecting Energy Consumption of NB-IoT Devices Empirically. *IEEE Internet of Things Journal*, 2020.
- [4] Foivos Michelinakis, Nicola Bui, Guido Fioravanti, Joerg Widmer, Fabian Kaup, and David Hausheer. Lightweight capacity measurements for mobile networks. *Computer Communications*, 84:73–83, 2016.
- [5] Foivos Michelinakis, Hossein Doroud, Abbas Razaghpanah, Andra Lutu, Narseo Vallina-Rodriguez, Phillipa Gill, and Joerg Widmer. The cloud that runs the mobile internet: A measurement study of mobile cloud services. In *IEEE INFOCOM*, Honolulu, HI, USA, April 2018.

## Computer skills

**Scripting:** Python, Bash, Matlab

**Operating systems:** Linux

**Languages:** C, C++ (NS3), SQL

**Markup:** L<sup>A</sup>T<sub>E</sub>X, HTML, CSS