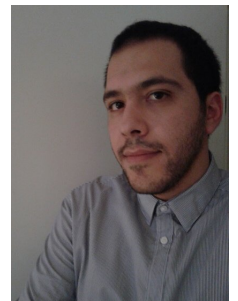


# Charalampos ORFANIDIS



## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Kavala, Greece | 27 11 1986  
ADDRESS: Flogstavägen 27B, Uppsala, 75273, Sweden  
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WEBSITE: <http://user.it.uu.se/~chaor206/>  
LINKEDIN: <https://www.linkedin.com/in/chaorf>

## RESEARCH INTERESTS

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Low-Power Wide Area Networks, Robust Communications, IoT, Wearables, Energy Harvesting

## EDUCATION

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CURRENTLY	PhD student in TECHNOLOGY AND HEALTH, <b>KTH, Royal Institute of Technology</b> , Stockholm, Sweden
JUNE 2018	Licentiate in COMPUTER SCIENCE WITH SPECIALIZATION IN COMPUTER COMMUNICATION, <b>Uppsala University</b> , Uppsala, Sweden Title: Robustness in Low Power Wide Area Networks
JANUARY 2015	Master of Science in COMPUTER SCIENCE AND ENGINEERING, <b>Technical University of Denmark</b> , Copenhagen, Denmark Thesis: Investigation of Fault Detection Methods in Wireless Sensor Networks
JUNE 2012	Bachelor of Science INDUSTRIAL INFORMATICS ENGINEERING <b>Technological Educational Institute of Kavala</b> , Kavala Thesis: "IIUSA Industrial Informatics University Survey Application"

## TECHNICAL SKILLS

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Programming Languages:	C, Python, Bash
CAD Tools:	Eagle, Upverter
Web Development:	PHP, HTML5
Database Systems:	MySQL, SQL
Operating Systems:	Microsoft Windows, Debian, Contiki OS
Simulation:	Cooja, OPNET Modeler
Implementation platforms:	msp430, Cortex-M

## RECENT PUBLICATIONS

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- (2019) C. Orfanidis, L.M. Feeney, M. Jacobsson and P. Gunningberg  
*Cross-technology Clear Channel Assessment for Low-Power Wide Area Networks*  
16th IEEE International Conference on Mobile Ad-Hoc and Smart Systems (MASS), Monterey, CA, 2019
- (2019) C. Orfanidis, K. Dimitrakopoulos, X. Fafoutis and M. Jacobsson  
*Towards Battery-Free LPWAN Wearables*  
In proceedings of the 7th International Workshop on Energy Harvesting & Energy-Neutral Sensing Systems (ENSsys), New York, NY, 2019
- (2017) C. Orfanidis, L.M. Feeney, M. Jacobsson and P. Gunningberg  
*Investigating interference between LoRa and IEEE 802.15.4g networks*  
In Proceedings of the 13th International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob), Rome, 2017

## TEACHING

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### Teaching Assistant, **KTH Royal Institute of Technology**

- Network Security, Spring 2019, Spring 2020
- Computer Programming, Basic Course, Spring 2019
- Electronic Design, Project Course, Fall 2018

### Teaching Assistant, **Uppsala University**

- Computer Networks II, Fall 2015, Fall 2016
- Secure Computer Systems I, Fall 2015, Fall 2016
- Software Testing and Maintenance, Fall 2015

### Teaching Assistant, **Technical University of Denmark**

- Software Development of Web Services, Fall 2014
- Distributed Systems, Spring 2014

## STUDENT MENTORSHIP

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- Konstantinos Dimitrakopoulos (MSc Thesis)
- Nahome Micheal - Adnan Mahmutovic (BSc Thesis)
- Clive Rudd (BSc Thesis)
- Felix Werpens (Project course)

## SERVICES

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- Annals of Telecommunications - Springer
- Wireless Networks (WINE) - Springer
- Swedish National Computer Networking Workshop SNCNW 2018, 2019
- IEEE Access
- Ad Hoc Networks - ELSEVIER

- Journal of King Saud University - Computer and Information Sciences - ELSEVIER
- 8th International Conference on Wireless Communications and Signal Processing (WCSP 2016)
- 2015 IEEE 2nd World Forum on Internet of Things (WF-IoT)

## LANGUAGES

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GREEK: Native  
ENGLISH: Fluent  
DANISH: Basic Knowledge  
SWEDISH: Basic Knowledge

## CONTACT REFERENCES

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