

# Clovis A. Ouedraogo

*Network and Telecom Engineer*  
*2nd year PhD student in Computer Science*

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## Research Interests

Computer Systems, Distributed Systems, Networking.

## Education

- Sep 2017– **Ph.D. Computer Science**, *National Institute of Applied Sciences*, Toulouse.  
Thesis: Autonomous Control of Cloud Services for Connected Vehicles  
Advisor: Christophe Chassot, Samir Medjah, Khalil Drira
- 2016–2017 **Sc.M. Innovative Smart Systems**, *National Institute of Applied Sciences*, Toulouse.  
Advisor: Christophe Chassot
- 2011–2016 **Dipl.Ing. Telecommunications and Networks**, *ENSA*, Cadi Ayyad University, Safi, Morocco.  
Advisor: Abdellah Zyane

## Professional Employment

- Sep 2017– **Part-time lecturer**, *National Institute of Applied Sciences*, Toulouse.
- Sep 2017 - **Research Assistant**, *CNRS*, Toulouse.  
fev 2018

## Languages

Français	Bilingue	English	Bilingual
Moré	Native language		

## Computer and Network Skills

Programming	Java, Asm, C/C++	Productivity	MS Office, $\text{\LaTeX}$
Telecom.	GSM, 3G, 4G, 5G, LoRaWAN	SysAdmin	Scripting, Firewalls, Tasks Automation
Network	NFV, SDN, IPv4/6, Frame-Relay, ATM, MPLS, EIGRP, BGP, OSPF		

## Honor and Award

- Mar 2018 BDI-CNRS.
- Sep 2011 Outstanding Scholarship from the Moroccan Agency of International Cooperation.
- Sep 2011 Outstanding Scholarship from Burkina-Faso's Minister of Higher Education, Scientific Research and Innovation..

## Invited Talks

- Towards Virtualized QoS Management at Middleware Level of IoT.  
Séminaires TOulousains en REseaux (STORE)  
30 Mars, 2018, Toulouse.

## Publications

**C. A. Ouedraogo**, S. Medjiah, C. Chassot, and J. Aguilar, "Flyweight Network Functions for Network Slicing in IoT," in *2018 International Conference on Smart Communications in Network Technologies (SaCoNeT)*, (El Oued, Algeria), Oct. 2018.

**C. A. Ouedraogo**, E.-F. Bonfoh, S. Medjiah, C. Chassot, and S. Yanguai, "A Prototype for Dynamic Provisioning of QoS-oriented Virtualized Network Functions in the Internet of Things," in *4th IEEE Conference on Network Softwarization and Workshops (NetSoft 2018)*, (Montréal, Canada), p. 3p., IEEE, June 2018.

**C. A. Ouedraogo**, S. Medjiah, and C. Chassot, "A Modular Framework for Dynamic QoS Management at the Middleware Level of the IoT: Application to a OneM2M Compliant IoT Platform," in *IEEE International Conference on Communications (ICC 2018)*, (Kansas City, États-Unis), IEEE, May 2018.

**C. A. Ouedraogo**, S. Medjiah, C. Chassot, and K. Drira, "Enhancing Middleware-based IoT Applications through Run-Time Pluggable QoS Management Mechanisms. Application to a oneM2M compliant IoT Middleware," in *The 9th International Conference on Ambient Systems, Networks and Technologies (ANT-2018), the 8th International Conference on Sustainable Energy Information Technology (SEIT-2018)*, vol. 130, (Porto, Portugal), pp. 619 – 627, May 2018.

Y. Banouar, **C. A. Ouedraogo**, C. Chassot, and A. Zyane, "QoS management mechanisms for Enhanced Living Environments in IoT," in *2017 IFIP/IEEE Symposium on Integrated Network and Service Management (IM)*, (Lisbon, Portugal), IEEE, May 2017.

## Hobbies

Photography, Programming, Technologies, Geopolitics / Realpolitik, Traveling.

## References

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Professeur à l'INSA de Toulouse  
Chercheur associé au LAAS du CNRS  
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Samir MEDJIAH  
Maître de conférences à l'IUT Paul Sabatier  
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