



Master of Science - MSc IT Information Technology

Track in Architecture and Engineering for the Internet of Things - AEIOT

▲ With billions of connected devices providing a better understanding of our environment, IoT is the new revolution of today's internet. This Master offers a deep understanding of the whole communication ecosystem: low power communications, interoperability, security and massive data processing. It is aimed at future experts for the design and engineering of networks, with a wide field of applications and a focus on the IoT.

CURRICULUM

M1 - YEAR 1

Brest campus

- > Communication networks basics
- > Mathematical tools
- > Probability, statistics & digital signal processing
- > Introduction to data science
- > Network architectures & protocols
- > Network engineering
- > Data and software engineering
- > Projects & workshops
- > Engineering project
- > French language classes

M2 - YEAR 2

Rennes campus

- > Distributed architecture & embedded systems
- > Innovatory networks & services
- > Network implementation
- > Architecture and interfaces of mobile networks
- > IoT and industrial networks
- > Project
- > Research seminar
- > Master thesis / internship
- > French language classes

Courses are subject to change without notice

Accreditation from the Ministry of Higher Education, Research and Innovation No. 20171079

Bridging semester taught in English

6-month paid internship in a company or lab

Free application!



IMT Atlantique
Bretagne-Pays de la Loire
École Mines-Télécom



#IoT #DataScience
#ComputerNetworking
#ConvergentNetworks
#WirelessNetworks
#MobileNetworks
#NetworkPlanning #5G

RESEARCH EXPOSURE

IMT Atlantique is actively involved in standardization with global organizations such as IETF, ISO, ETSI.

With over 40 papers each year in international conferences, the research department in Network Systems, Cyber Security and Digital Law (SRCD) actively participates in the evolution of the digital society. Research internships are possible within the department.

CAREER OPPORTUNITIES

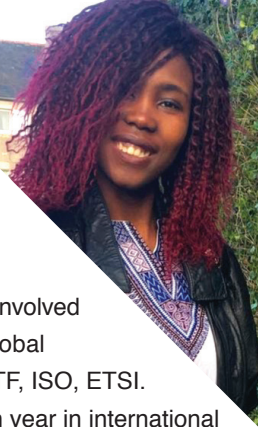
Network solution designer, Network architect, Network project leader, R & D engineer, Consulting expert, Researcher and academic, etc.
Possibility to continue in PhD.

SIEMENS



BOSCH

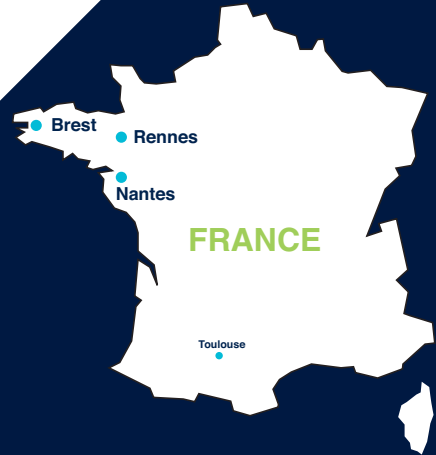
NOKIA



ALUMNI TESTIMONY

Ivan-Clare NGONG (Cameroon)

"IMT Atlantique experience has broadened my perspective on not just my specialty but on life itself, and has given me a strong technical foundation to be successful in my career."



IMT ATLANTIQUE

IMT Atlantique is a "Grande Ecole" ranked among the best French Graduate Engineering Schools, and recognized internationally as a leading Technological University (Shanghai, QS and THE rankings).

It is a member of IMT, the largest group of public Engineering and Management Graduate Schools in France.

TUITION FEES AND SCHOLARSHIPS

5,100 Euros / year

Scholarships opportunities for :

Excellent profiles, alumni from our partner universities, European citizens, etc.

Find out more:

www.imt-atlantique.fr/IT

Contact us:

it-apply@imt-atlantique.fr

Apply:

<https://it.imt-atlantique.fr>