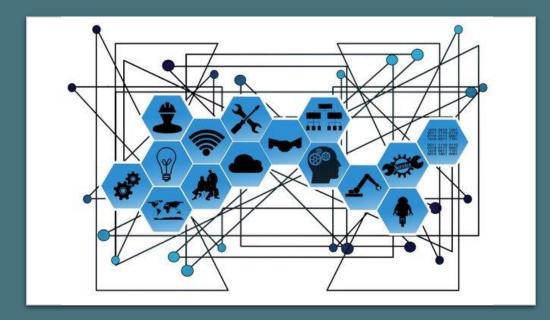
Full Stack Software and network Engineering for IoT

<< More than the sum of its devices, the Internet of Things links technologies together to create new services and opportunities. >>

Course (2 ECTS)

Master II Informatique, Ubinet, and Polytech-SI5

TEMPORARY Web Pages on https://lms.univ-cotedazur.fr/course/view.php?id=14264





Lecturers



Jean-Yves Tigli



Stéphane Lavirotte



Gérald Rocher



Fabien Ferrero



Nicolas Ferry



Yves Roudier

Full Stack SE4IoT - jean-yves.tigli@univ-cotedazur.fr











MIT Agenda and Lecturers

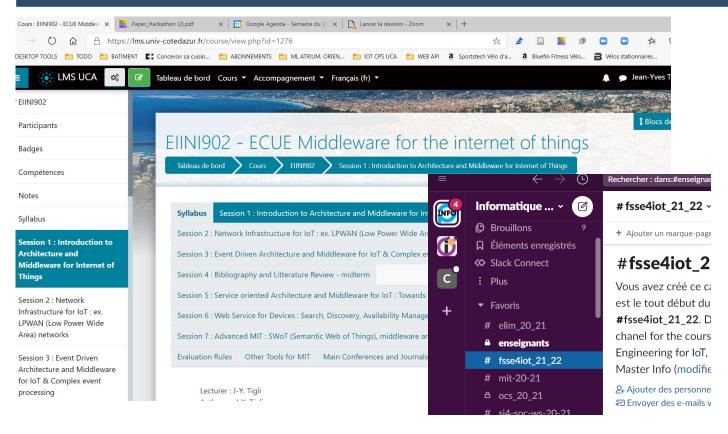
JY. Tigli UCA – I3S/CNRS	Introduction to Internet of Things (IoT) and its challenges – Bibliographical Research & Technics
Fabien Ferrero UCA LEAT/CNRS	LPWAN networks for IoT - Tutorial on LoRa
G. Rocher & J.Y. Tigli	IoT: Event based Architecture and Middleware for IoT – Complex Event Process Tutorial MQTT - OASIS standard
	and CEP
	Fabien Ferrero UCA LEAT/CNRS G. Rocher & J.Y.

MIT Agenda and Lecturers

Nicolas Ferry & JY. Tigli	Web Services for IoT: IoT Device as a ressource (WoT) versus as a service (WSD)
	Tutorial HTTP/CoAP - WS/REST – WSD
JY. Tigli	Bibliography Delivery
Y. Roudier	Security for IoT
S. Lavirotte & J.Y. Tigli	WSD and WSD composition in the cloud - tutorial Ubiquaria
G. Rocher	Advanced MIT : SWoT & Semantic Interoperability (G. Rocher)
	JY. Tigli JY. Tigli Y. Roudier S. Lavirotte & J.Y. Tigli

Moodle & Slack platforms

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Slack Channel:

#fsse4iot_21_22

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This will be indicated in the week before the corresponding course.

The presence in the courses is mandatory except with official justification

My course (J.-Y. Tigli) will take place in my zoom office:
 https://univ-cotedazur.zoom.us/my/jy.tigli.home

• For the other lecturers, they will send you their own link for their session...

Evaluations:

- During Lectures: one or more MCQ * about all the previous lectures and tutorials (last year: two)
- 2. Personal Work: Writing your own paper on a
 - MIT Research topic
 - MIT new Technology
- 3. Possible evaluation of a Practical Course:
 Evaluation from the Tutorial about Complex Event
 Processes (MQTT)

(*) MCQ: Multiple Choice Questions

UNIVERSITE COTE D'AZUF

Preparation of Papers for Middleware for Internet of Things (2021)

First A. Author³, Fellow, IEEE, Second B. Author², and Third C. Author, Jr.², Member, IEEE

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This paragraph of the first footnote will contain support information, including sporsor and financial support acknowledgment. For example, was supported in part by the U.S. Department of Commerce under Grant B\$121456."

ABSTRACT These instructions give you guidelines for preparing papers for MIT Course as an IEEE Access one. Use this document as a template if you are using Microsoft Word 6.0 or later. Otherwise, use this document as an instruction set. The electronic file of your paper will be formatted further at IEEE. Paper titles should be written in uppercase and lowercase letters, not all uppercase. Aroid writing long formulas with subscripts in the title, short formulas that identify the elements are fine (e.g., "Not-Pe not required Put a space between authors' initials. The abstract must be a concise yet comprehensive reflection of what is in your article. In particular, the abstract must be self-contained, without abbreviations, footnotes, or references. It should be a microcosm of the full article. The abstract must be between 150-250 words. Be sure that you adhere to these limits; otherwise, you will need to edit your abstract accordingly. The abstract must be written as one paragraph and should not contain displayed mathematical equations or tabular material. The abstract should include three or four different keywords or phrases, as this will help readers to fund it. It is important to avoid over-repetition of such phrases as this can result in a page being rejected by search engines. Ensure that your abstract reads well and is grammatically correct.

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VOLUME XX, 2017