

Energy Autonomous Wireless Systems

EDMI Course Micro-617 – 3 Credits

Evaluation Guidelines

EPFL

The course will be evaluated through a team project to be presented under the format of a report and an oral presentation.

Team: 2 people

Written report: 5000 to 7500 words

Oral presentation:

- 30 minutes for the presentation + 10 minutes of discussion.
- The 30 minutes presentation should be given about half-half by the two members of the team.

Schedule:

- Monday 23rd March 2020 midnight: delivery of the report by e-mail to Prof. Andreas Burg, Prof. Catherine Dehollain and Prof. Anja Skrivervik.
- Monday 30th March 2020 in CO 017 from 13h15 to 18h: oral presentations.

Topic:

- Each team will choose a different subject from a bank of projects proposed by A. Burg, C. Dehollain and A. Skrivervik.
DEADLINE for registration by e-mail: Monday 24th February 2020
- Each team is also welcome to propose its own scenario, using the same template, for validation by A. Burg, C. Dehollain and A. Skrivervik.
DEADLINE to send by e-mail the scenario: Monday 24th February 2020

Work to be done for each project:

- List of potential choices for the system design, components and operations with justifications for the choices made.
- System design architecture and selection of components to meet the specifications of the application.
- System operation description, energy autonomy, power budget evaluation, strategies for its minimization
- Perspectives, next steps for improvement and optimization