Energy Harvesting – Paper Reading and Presentation

EECE-4710 IoT and Machine Learning

Cristinel Ababei

Electrical and Computer Engr., Marquette University

1. Objective

Learn about different energy harvesting techniques by reading - individually – research papers on energy harvesting techniques and present these papers to the rest of the class using PPT slides. Communication and presentation skills are improved as well in this exercise.

2. Assignment

Read your assigned paper. Individual paper assignments are listed on D2L. PDF copies of the papers are in **Week_15.zip**.

Create a PPT presentation with **12 slides**. You will use the slides to present your assigned paper in front of the class during the next lecture. You will have **10 minutes** for your presentation. Please create nice, professional looking slides. You can crop figures and equations from the PDF file to include in your slides. Everything else should be typed.

Your slides should include:
- Slide 1 - course info, your name, information about paper reviewed
- Slide 2 - statement of the problem that is (attempted) solved by the paper
- Slide 3 - summary of the solution/approach proposed by the paper
- Slides 4,5,6 – details about the solution (include diagrams, equations, etc.)
- Slides 7,8,9 – details about the results reported (include diagrams, setup photos, plots, graphs, etc.)
- Slide 10 - a list of drawbacks or limitations of the presented solution
- Slide 11 - ways to improve the proposed methods/techniques
- Slide 12 - conclusion

3. Deliverables

You must upload your PPT file on D2L. The presentation should be named "**LastName_hw15.pptx**".

You must deliver a presentation in class for up to 10 minutes, using your 12 slides.