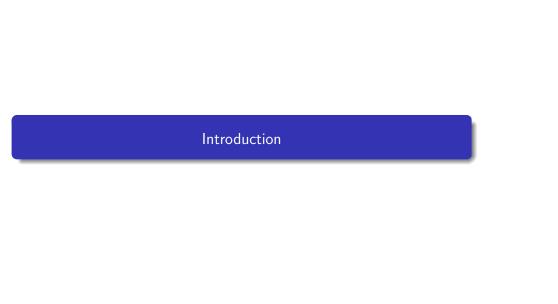
Embedded System Design and Modeling



Organization '

- ▶ 3 credits (?)
- Professors
 - Lectures: Nicolae Cleju
 - Applications: Nicolae Cleju
- ► Time schedule
 - ▶ 14 weeks of lectures (1h each)
 - ▶ 7 weeks of laboratories (2h each) first 7 weeks
 - ▶ 7 weeks of project work (2h each) last 7 weeks
- ▶ My office hours: *To Be Announced* (best by appointment)

Evaluation

- Exam
 - ▶ 60% of final grade
 - lacktriangle Consists of both theory questions and exercises (e.g. 1 problem + a few theory questions)
- Laboratory
 - ▶ 20% of final grade
- Project
 - ▶ 20% of final grade
- ► Final grade = 60% Exam + 20% Lab + 20% Project

Bibliography

- Main reference: "Introduction to Embedded Systems A cyber-physical systems approach", E.A.Lee and S.A. Seshia, MIT Press, 2nd Edition, 2017.
 - Available online at https://ptolemy.berkeley.edu/books/leeseshia/download.html
- 2. "Embedded System Design", Peter Marwedel, Springer, 2nd Edition, 2011.
- 3. "Managing Model-Based Design", Roger Aarenstrup, The MathWorks, 2015.