HOMEWORK 1
Due Date: February 27, 2015, Friday, till 17.00

Instructions
- You should submit your homeworks at the office of the course assistant (@E-102).
- Your homework should be written neatly. The discussions should be clear and concise.
- Homeworks for this course are individual assignments. Although you might have discussions with your friends and the instructor, you are expected to prepare your solution for these problems on your own.

PROBLEM 1 – Find 3 smart structure applications.
- Write 1-2 pages of summary for each application (in your own words).
- Refer to at least 3 journal or conference papers in your reference list.

Some Resources on the Topics of Smart Materials and Structures:
- The Journal of Intelligent Material Systems and Structures, SAGE Press
- Smart Materials and Structures, Institute of Physics

Manufacturers and active materials webpages:
- Biomimetic Products Inc., http://www.biomimetics.com/
- CeraNova, http://www.ceranova.com/
- Lord Corp., http://www.lord.com/
- http://piezo.com/
- http://www.physikinstrumente.com/