

Small student talks Tuesday the 30. November 2004  
Room Ø467, Physics Building

Windows PC and projector will be available.

Powerpoint and .pdf files will work well, bring memory stick, CD, your own PC or send foils by mail. Liv will be present from 0845.

6-10 foils will be sufficient; you will have to use time explaining the contents of each foil. Explain the problem, the geometry and the effect to be explored. Explain your boundary conditions for the simulations. If you made changes to the tutorial, make clear what is new and what is in the tutorial. Compare your results with those from the tutorial or concentrate on explaining the tutorial results. Explain displacement, stress-patterns, and charge distributions from the graphical results of the simulation. Define axes of plots and explain curves. Compare with theory from the course, if possible.

List of speakers:

0915: Thorgrim and Henning:	Tilting mirrors
0930: Åge and Lars Åge:	Nanotube modeling
0945: Ole-Petter and Jan:	Electromechanical behavior of beam, including pull-in
1015: Kristin and Lars:	Electromechanical behavior of beam, including pull-in
1030: Morten:	Electromechanical behavior of beam, including pull-in
1045: Jakob and Helge:	Bimetal thermal actuator
1115: Joselito and Espen:	Resonator, modal analysis
1130: Rubina and Jeyanthinath:	Piezoelectric cantilever beam
1145: Akbar and Kumar:	Piezoresistive element on silicon beam