

Project presentations - FYSN17/FMFN01 VT2016

Please be in time to install your computer, or load your project on the computer that will be available to you. The first presentation will start 9:00, everybody should be seated by then. In order to pass the project part of this course, attendance is required during the whole session. The presentations should be 20 minutes, so that there's ten minutes left for discussion.

09:00-09:30 Einstein Podolski Rosen paradox

By Odd Restad, Magnus Dahl and Jacob Dahne.

09:30-10:00 Fock-Darwin states

By Erik Mårtensson, Marcus Törnberg and Paul Le Lan.

10:00-10:15 Coffee break

10:15-10:45 Shell structure in quantum dots

By Rasmus Kjaerhöier, Stefano Albertini and Cheng Pak.

10:45-11:15 Quantum dot Helium

By Max Lindqvist, Damir Basic-Knezevic and Lassi Linnala.

11:15-11:45 Spin-Hall effect

By syed Asma, Gustav Seemann and Xiaocui Wang.

11:45-12:30 Lunch break

12:30-13:00 Bose-Einstein condensation in a harmonic trap

By Oliver Sandberg, Dimitrios Sidiropoulos-Kontos and Abdulmajeed Almutairi.

13:00-13:30 Casimir effect

By Daniel Merino, Antons Baronovs and Agnese Kerubina.