

JENS LINDHARD (1922-1997) 100 Years Anniversary Symposium, September 15, 2022

Program (as of September 1); Auditorium F, 1534-125:

- 8:30 **Brian Bech Nielsen** (15') Velkomst ved rektor/Welcome by the Chancellor of Aarhus University
- 8:45 **Hans Schiøtt** (15') A short overview of Jens Lindhard's merits
- 9:15 **Georg Bruun** (30') The Lindhard function - from the ultracold atoms to quark-gluon plasmas
- short break
- 10:00 **Peter Sigmund** (30') LSS, a successful package to predict and analyse particle penetration and radiation effects, and its development over six decades
- 10:35 **Hans Geissel** (30') Slowing down of Heavy Ions -- 45 Years of fruitful Collaboration with Danish Scientists; New Experiments and Applications
- 11:10 **Søren Pape Møller** (30') Slowing down of antiprotons; Barkas effect, Bloch correction etc
- 11:45 lunch
- 13:00 **Ejvind Bonderup** (30') Introduction to channeling
- 13:40 **Lene Hau** (virtual; title to be announced later)
- 14:00 **Andrey Solov'yov** (30') Crystal based Gamma-ray light sources: atomistic modelling approach
- 14:30 coffee break
- 14:50 resume session
- 15:10 **Christian Flohr Nielsen** (30') Radiation reaction: ultrarelativistic electrons and positrons passing through aligned crystals
- 15:45 **Bjarne Toft** (30') Boardgames - chess and HEX
- 16:15 **Ulrik Uggerhøj**: closing remarks

Clips from Lindhard's lecture on the occasion of his official retirement when he turned 70 (1992) will appear between the lectures

Coffee (self service) will be available in front of the auditorium 8:15