

Jens Lindhard 100 years February 26, 2022 - symposium Thursday, September 15:

Preliminary programme (as of June 15); begins 8:30 ends 16:30:

Brian Bech Nielsen (15') Velkomst ved rektor/Welcome by the chancellor of Aarhus University

Hans Schiøtt (15') Historisk oversigt over Jens Lindhards meritter (Historical overview)

Georg Bruun (30') The electron gas, the Lindhard formula for the dielectric function

Peter Sigmund (30') General introduction to stopping. LSS, quasielastic collisions, similarity etc.

Hans Geissel (30') Slowing down of (nonrelativistic and) relativistic heavy ions.

Søren Pape Møller (30') Slowing down of antiprotons; Barkas effect, Bloch correction etc

lunch

Ejvind Bonderup (30') Introduction to channeling

Lene Hau (30' virtual/zoom?) Channeling radiation (including introduction), spin etc

Andrey Soloviyov (30') Simulations of channeling and channeling radiation (?)

Christian Flohr Nielsen (30') Radiation reaction

Bjarne Toft (30') Polygon - Piet Hein's HEX-game

Ulrik Uggerhøj: closing remarks

formiddag: 2t30m

eftermiddag: 2t30m + closing