

Open DOC*X- Research Seminar

Thursday, November 22th 2018 kl 10:00-16:30

The National Research Center for the Working Environment

Lersø Parkallé 105, 2100 Copenhagen Ø

*DOC*X (Danish Occupational Cohort, www.doc-X.dk) is a collaborative project financed by the Danish Work Environment Fund with the objective to establish an open nationwide registry-based research resource in the field of occupational epidemiology. Five Danish research centers have past 4 years developed a database enriched by refined job exposure matrices covering a wide range of occupational exposures. At this seminar we will discuss methodological issues relating to exposure assessment based upon job exposure matrices and present new substance-matter results of a series of case studies utilizing the database. The seminar is open for all interested researchers.*

Program

10:00-10:10 **Inger Schaumburg: Welcome and introduction**

Moderator: Jens Peter Bonde: Occupational exposure, Job Exposure Matrices and methodology

10:10-10:50 **Keynote by Alex Burdorf:** Why do we still use job exposure matrices

10:50-11:30 **Keynote by Susan Peters:** Development of job exposure matrices for quantitative exposure assessment

11:30-12:00 **Esben Budtz-Jørgensen:** Methodological developments: unbiased effect estimation in studies using job exposure matrices JEMS

12:00-12:35 **Lunch**

12:35-13:05 **Susanne W Svendsen:** A new analytical approach to model cumulative exposure in population-based JEM studies

13:05-13:30 **Esben Flachs:** The DOC*X database - coverage, completeness and validity

Moderator: Johan Hviid Andersen: DOC*X occupational exposure-outcome case studies

13:35-13:50 **Ida Madsen:** Prediction of low back pain by work related psychosocial factors using self-reports versus JEMs

13:50-14:05 **Anne Vested:** A quantitative general population job exposure matrix for occupational daytime light

14:05-14:25 **Coffee Break**

14:25-14:40 **Vivi Schlünssen:** Prognosis of COPD according to particulate exposure

14:40-14:55 **Stinna Skaaby:** Accelerated lung-function decline according to occupational dust exposure.

14:55-15:10 **Johnny Hansen:** Exposure to formaldehyde and diesel exhaust and risk of amyotrophic laterals sclerosis.

15:10-15:25 **Reimer W. Thomsen:** Asbestos related malignancy in automechanics

15:25-15:40 **Zara Stockholm:** A quantitative general population job exposure matrix for occupational noise

15:40-15:55 **Camilla Johannesen:** Trombo-embolic disease according to prolonged sitting

15:55-16:10 **Tamara Lund:** Risk of hand eczema according to wet work using a job exposure matrix

16:10-16:25 **Jens Peter Bonde:** Short- and longterm risk of ischaemic heart disease conferred by physically demanding work – preliminary findings of a DOC*X case study.

16:25-16:30 **Inger Schaumburg: Closure**