

FORUM METALUND

A RESEARCH SYMPOSIUM

Climate and health

27 SEPTEMBER 2018 | STORA HÖRSALEN, INGVAR KAMPRAD DESIGN CENTRE (IKDC), SÖLVEGATAN 26, LUND, AND FULL-SCALE LABORATORY, A-BUILDING, SÖLVEGATAN 24, LUND

Adverse health effects of the climate change are becoming evident globally and in Sweden. For example, research in Sweden has shown that increased precipitation increases the rate of gastrointestinal disease and that extreme temperatures lead to increased mortality. Climate change and health is a new and rapidly expanding research area. The Metalund Symposium aims to give examples of research on this topic in Sweden.

PROGRAMME

11.30 | Lunch

We welcome everyone for a joint lunch at Café Bryggan, Ingvar Kamprad Design Centre (IKDC), at participant's own cost.

STORA HÖRSALEN, IKDC

12.30 | Keynote

Joacim Rocklöv, Umeå University: *Climate and Health: evidence, research needs and new methodologies.* Professor Rocklöv is an internationally renowned expert on climate and health. His research spans over many areas related to climate and health, in Sweden and across the globe. Some of his main interests are in disease vectors related to climate change, and on different aspects of temperature related health.

13.15 | Presentations

Kristina Jakobsson, Occupational and Environmental Medicine, Gothenburg University: *Heat and kidney damage*

Joachim Pagels, Ergonomics and Aerosol Technology, Lund University (LU): *Aerosols and health effects, and absorption of black carbon and brown carbon*

Birgitta Svenningsson, Ergonomics and Aerosol Technology, LU: *Aerosols and particle effects on cloud and ice nucleus formation*

Anna Oudin, Occupational and Environmental Medicine, LU: *Temperature and mortality: a higher effect in the North?*

Birgitta Malmberg, Occupational and Environmental Medicine, LU: *Heat health action plan*

Kristoffer Mattisson, Occupational and Environmental Medicine, LU: *To plan for a cooler city – A screening tool*

14.10 | 10 min break

14.20 | Presentations

Karin Lundgren, Ergonomics and Aerosol Technology, LU: *The development and identification of severe heat stress in Swedish urban indoor environments and possible preventative actions*

Kalev Kuklane, Ergonomics and Aerosol Technology, LU: *The use of clothing insulation and evaporative resistance values to predict heat strain of workers in sugarcane fields*

Chuansi Gao, Ergonomics and Aerosol Technology, LU: *Two ongoing EU projects: Heat-Shield and ClimApp*

FULL-SCALE LABORATORY, A-BUILDING

15.00 | Coffee/tea and group discussions

15.45 | Summary of discussions

16.00 | End of symposium

Register before 10 September via this [link](#).

Participation is free of charge.

For more information, contact Karin Broberg Palmgren, karin.broberg_palmgren@med.lu.se, or Anna Oudin, anna.oudin@med.lu.se.

Welcome!

