



Big Data and Artificial Intelligence: harnessing the power for SLU

September 17th, 9.00 – 12.00

video-connected meetings in Ultuna (Sal O), Umeå (Holly Wood), Alnarp (Articum Spiltan) and Skara (Nonnenrummet)

The opportunities and challenges of the rapidly increasing availability of data is one of the few topics on which almost everyone agrees on in research and education. But how should SLU address this revolution-in-progress? Welcome to a half-day to chart a course together, with inspiration provided from both within and outside our university.

Pro vice-chancellors Kevin Bishop and Ylva Hillbur, organizers

Program

9.00 – 9.10: Introduction and goals for the day (Kevin Bishop)

Session 1: External inspiration

9.10 – 9.35 Karl Åström, Matematikcentrum, Lunds universitet:

“Artificial Intelligence, Machine Learning and Computer Vision”

9.35 – 10.00 Erik Billing, Högskolan i Skövde (*Title to be announced*)

Session 2: Research examples from SLU

10.00 – 10.10 Kristin Piiki (NJ): *“Big data and small data in decision support for crop production”*

10.10 – 10.20 William Lidberg (S): *“Digital soil mapping with machine learning”*

10.20 – 10.30 Harald Klein (LTV): *“Mapping of new methods for inventory of Urban Green Spaces”*

10.30 – 10.45 Erik Bongcam Rudloff (VH): *“Artificial Intelligence: Benefits and Challenges in the field of Bioinformatics”*

Session 3: How can SLU support use of AI and Big Data in research and FOMA?

10.50 – 11.00 Petra Lagerkvist, IT Director: *“What can the IT Division do, now and in the future”*

11.00 – 11.10 Hanna Lindroos, DCU: *“What can the Data Curation Unit do, now and in the future”*

Session 4: What strategies can we pursue and how do we organize ourselves?

11.10 – 12.00 Group discussions and coffee at the different campuses

A list of key questions to discuss will be provided. A rapporteur for each group/campus will be asked to submit written summary of the discussion to the organizers (no common oral reporting).

For planning purposes, we need your **registration before 6th Sept.**

[LINK TO REGISTRATION](#)