SeRC Big Data Workshop

Place: *Electrum Building, Kistagången 16*, Kista.
Room: *Sal C (Ground Floor) in the morning. Afternoon sessions in smaller rooms.*
Date: **Thursday, 25th February 2016**
Time: **09:00 -16:00**
Organiser: *Swedish E-Science Research Council (SeRC)*
Sponsor: *Swedish ICT SICS North*

Overview

Big data technology is a making inroads in both business and science. Data-driven science and business is changing how we do business and perform research. However, Big Data technology is a moving target, with new applications and releases at a tremendous pace. In particular for Hadoop and Spark, documentation is lacking and knowledge tends to remain in the heads of project contributors. Luckily, at this workshop will have committers to major Big Data projects on hand to help you in a practical introduction to Hadoop and Spark. We will even help you get started with credits for a new Hadoop-as-a-Service provided by Swedish ICT – SICS North.

The day will be broken up into two parts. Before lunch, we will have talks introducing some of the main technology components for Big Data: Hadoop, Spark, Streaming Analytics, and Machine Learning. After lunch, we will split up into tracks in smaller groups, where you will get hands on experience in your platform of choice. Bring your laptop!

Register for this event using the following link (the event is free of charge):

https://simplesignup.se/event/71759-serc-big-data-workshop

Agenda

Morning Session

Time	Title	Speaker
09:00	Welcome	Tor Björn Minde
09:15	Introduction to Hadoop-as-a-Service	Jim Dowling
10:00	Introduction to Spark	Amir Payberah
10:45	Coffee	
11.00	Introduction to Streaming Analytics	Paris Carbone
11:30	Introduction to Scalable Machine Learning	Theo Vasiloudis

12.00 - 13.00 Lunch (not included)

13.00 – 16.00 Parallel Afternoon sessions

1. Introduction to Spark Track
2. BioInformatics Track (Spark, Adam, SaasFee, Halvade)
3. Streaming Analytics Track

16.00 End of Workshop