



WORKSHOP: AI IN MINING – HYPE OR HOPE?

7 November 2019, Clarion Hotel Sense, Luleå

PROGRAM

- 09:00-09:30 **Registration and Coffee**
- 09:30-09:45 **Welcome**
Jenny Greberg, program director SIP STRIM and Pär Erik Martinsson, ProcessIT
- 09:45-10:15 **AI in Mining & Robotics, Hype or Hope?**
George Nikolakopoulos, professor Luleå University of Technology
- 10:15-11:15 **AI@Boliden Mines**
David Degerfeldt, Boliden
- State of AI@LKAB**
Håkan Tyni, LKAB
- Patterns and Anomalies in Mining Sensor Data**
Anders Hedlund, BI Nordic
- 11:15-12:00 **AI for Success - How will AI affect business processes, technical development and leadership?**
Ishtar Touilat, Global Head of AI and Innovation at TechBuddy
- 12:00-13:00 **Lunch**
- 13:00-14:00 **AI in Mining**
Mining and AI, Current situation - Need - Future
- 14:00-15:00 **Workshop and Coffee**
- (1) Need of competence**
Is it deep knowledge that is needed in technique and mathematics?
Is it broad knowledge and general understanding about AI that is needed to be able to identify new possibilities?
Is better knowledge of existing AI tools needed?
- (2) Do the identified areas generate business values for industry?**
Anything that should be added?
Anything that is not relevant?
- (3) Way Forward**
Technical developments needed?
Collaboration possibilities within the Swedish mining cluster?
How can SIP STRIM help to stimulate the developments in AI?
- 15:00-15:30 **Summary of the day**