Slot Time Foundations / **Applications Stream**

NLP / Vision Stream

Theory / Bayesian / **Other Stream**

Registration - PD Hahn Foyer 08:00 -Pick up your name badge 08:30

Keynote and introduction to event - PD Hahn Lecture Room 1



Deep Learning Foundations, Architectures & Applications

Intro To Machine (And Deep) Learning, With A Focus On Probability And Uncertainty Dr. Willie Brink



Deep Learning for (More Than) Speech Recognition Dr. Herman Kampei



Artificial Intelligence at Scale

10:30 -11:00

11:00 -

12:00

08:30 -09:30

09:30 -

10:30

Coffee and Snack Break



10 Real World Problems Solved With Deep Learning (With Code Examples)



Multimodal Emotion Recognition Ntombikayise Banda



Bayesian Networks

Ritesh Ajoodha

12:00 -13:00



Lunch and Networking

Al challenges arising from the SKA Prof. Bruce Bassett



Extracting ID numbers from African Identity cards using Deep Learning Dr. Thuso Simon





Deep Learning in Complex Dynamical

13:00 -14:00







Establishing semantic similarity between short text using deep learning Dr. Alta De Waal



What you need to know

Dr. Inger Fabris Rotelli

15:45



From Neuron to Brain



Artificial Assistants: How can I help you?



Better Explanations or Better Decisions in Financial Markets? Prof. Tim Gebbie

15:45 -



The Blessing and Curse of High Dimensionality an Rowan



Facial Expression Recognition and Convolutional Neural Networks **Emmanuel Dufourg**



Al Ethics Dr. Janto Dreijer

16:30 -17:00

17:00 -

Coffee Break

18:00

Lightning Talks - PD Hahn Lecture Room 1



Saliegh Salaam



Emeritus Prof. Linda Haines





Philip Sterne





Prof. Sugnet Lubbe



18:00 19:00

Panel Discussion - PD Hahn Lecture Room 1

A conversation on ways to strengthen African machine learning, and how knowledge and capacity in machine learning can be spread more widely



Ntombikayise Banda

Ismail Akhalwaya



Dr. Herman Kamper





Prof. Sugnet Lubbe

19:00 ТВС

After Party! (at UCT)

A chance to cut lose after a long day and socialize with everyone that was at the event!



PD Hahn Building (South Entrance) Level 5 below the Science Faculty Office Upper Campus University of Cape Town Please try Uber - parking available if you speak to information office





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