

Tue, February 18

10:00 AM

Deep Learning

Session

Location: RWTH Aachen University SuperC, RWTH Aachen University Templergraben 57, 52062 Aachen phone:0241 8090801

10:00 - 10:20

Applying Dynamic Graph CNN to reconstruct the direction of electrons in JUNO

Speaker

Mr Hauke Schmidt

10:20 - 10:40

Identification of Cosmic Rays from Sources using Dynamic Graph Convolutional Neural Networks

Speaker

Mr Niklas Langner

10:40 AM

11:10 AM Deep Learning

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11:10 - 11:50 FPGA Belle II Trigger

Speaker

Mr Steffen Bähr

11:50-12:10 FPGA Trigger of SuperCDMS

Speaker

Dr Hanno Meyer zu Theenhausen

12:10-12:30 Xmax Reconstruction with AugerPrime using Deep Learning

Speaker

Sonja Schröder

12:30 - 12:50

1) Lowering the threshold of Tunka-Rex with autoencoder; 2) Toward Tunka-Rex Virtual Observatory

Speaker

Dmitriy Kostunin

1:00 PM

2:30 PM

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14:30 - 15:10 Bayesian Networks (exact title & title tbc)

Speaker

Prof. Tilman Plehn

15:10 - 15:30

Exploitation of Symmetries and prior Knowledge in Deep Learning Architectures for IceCube

Speaker

Mirco Huennefeld

15:30 - 15:50 Addressing domain adaptation issues with CRNNs and VERITAS data

Speaker

Mr Samuel Spencer

3:50 PM

Wed, February 19

