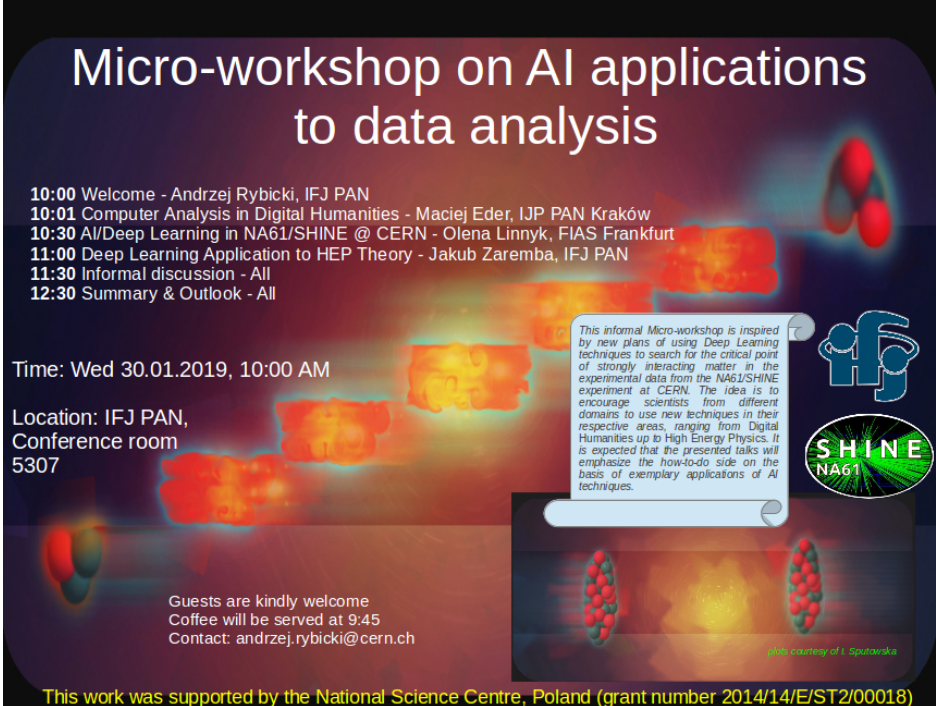


Micro-workshop on AI applications to data analysis



Micro-workshop on AI applications to data analysis

10:00 Welcome - Andrzej Rybicki, IFJ PAN
10:01 Computer Analysis in Digital Humanities - Maciej Eder, IJP PAN Kraków
10:30 AI/Deep Learning in NA61/SHINE @ CERN - Olena Linnyk, FIAS Frankfurt
11:00 Deep Learning Application to HEP Theory - Jakub Zaremba, IFJ PAN
11:30 Informal discussion - All
12:30 Summary & Outlook - All

Time: Wed 30.01.2019, 10:00 AM
Location: IFJ PAN, Conference room 5307

Guests are kindly welcome
Coffee will be served at 9:45
Contact: andrzej.rybicki@cern.ch

This informal Micro-workshop is inspired by new plans of using Deep Learning techniques to search for the critical point of strongly interacting matter in the experimental data from the NA61/SHINE experiment at CERN. The idea is to encourage scientists from different domains to use new techniques in their respective areas, ranging from Digital Humanities up to High Energy Physics. It is expected that the presented talks will emphasize the how-to-do side on the basis of exemplary applications of AI techniques.

SHINE NA61

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Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Wednesday, 30 January 2019 10:00 (1 minute)

Presenter: RYBICKI, Andrzej (Polish Academy of Sciences (PL))

Contribution ID: 2

Type: **not specified**

Computer Analysis in Digital Humanities

Wednesday, 30 January 2019 10:01 (29 minutes)

Presenter: Prof. EDER, Maciej (Institute of Polish Language Polish Academy of Sciences)

Contribution ID: 3

Type: **not specified**

AI/Deep Learning in NA61/SHINE @ CERN

Wednesday, 30 January 2019 10:30 (30 minutes)

Presenter: LINNYK, Olena

Contribution ID: 4

Type: **not specified**

Deep Learning Application to HEP Theory

Wednesday, 30 January 2019 11:00 (30 minutes)

Presenter: Dr ZAREMBA, Jakub (Institute of Nuclear Physics Polish Academy of Sciences)

Contribution ID: 5

Type: **not specified**

Informal Discussion

Wednesday, 30 January 2019 11:30 (1 hour)

Contribution ID: 6

Type: **not specified**

Summary & Outlook

Wednesday, 30 January 2019 12:30 (3 minutes)