Neuromorphic Computing tutorial

mPP tutorial:

NEUROMORPHIC COMPUTING & SPIKING NEURAL NETWORKS

Report of Contributions

Contribution ID: **12**   Type: **not specified**

Introduction –An overview of neuromorphic computing

Wednesday 6 October 2021 15:00 (35 minutes)

Presenter: PANTAZI, Angeliki (IBM Research)

Contribution ID: **20**   Type: **not specified**

Tutorial: Introduction

Thursday 7 October 2021 15:00 (10 minutes)

Presenter: PANTAZI, Angeliki (IBM Research)

Contribution ID: **21**   Type: **not specified**

Deep learning with biologically-inspired neural dynamics

Wednesday 6 October 2021 15:35 (30 minutes)

Presenter: WOZNIAK, Stanislaw (IBM Research)

Contribution ID: **22**   Type: **not specified**

Biologically-inspired online learning

Wednesday 6 October 2021 16:05 (30 minutes)

Presenter: BOHNSTINGL, Thomas (IBM Research)

Contribution ID: **23**
Type: **not specified**

Neuromorphic computing in end-to-end speech recognition

Wednesday 6 October 2021 16:35 (30 minutes)

Presenter: BOHNSTINGL, Thomas (IBM Research)

Contribution ID: **24** Type: **not specified**

Conclusions and future outlook

Wednesday 6 October 2021 17:05 (5 minutes)

Presenter: PANTAZI, Angeliki (IBM Research)

Contribution ID: **25**   Type: **not specified**

Discussion and Q & A

Wednesday 6 October 2021 17:10 (20 minutes)

Contribution ID: **26**   Type: **not specified**

Tutorial: Deep learning framework with Spiking Neural Units

Thursday 7 October 2021 15:10 (1 hour)

Presenter: WOZNIAK, Stanislaw (IBM Research)

Contribution ID: **27** Type: **not specified**

Tutorial: Online Spatio-Temporal Learning (OSTL) framework

Thursday 7 October 2021 16:10 (1 hour)

Presenter: BOHNSTINGL, Thomas (IBM Research)

Contribution ID: 28   Type: **not specified**

Discussion and Q & A

Thursday 7 October 2021 17:10 (20 minutes)