Schedule

Change to detailed view

Rooms: (**P1**) = Poludniowa 1, (**P2**) = Poludniowa 2, (**W**) = Wschodnia

	22	23	24	25	26
08:00-08:45	Reception	Open session I - W	Industrial session I - W	Open session II - W	Industrial session II - W
08:45-09:00	Welcome - P1	(08:00-08:45)	(08:00-08:45)	(08:00-08:45)	(08:00-08:45)
09:00-10:30	Mikolov -P1	Courville - P1	Ney - W	Varoquaux - P2	Kwok - W
	Schuller - P2	El Naqa - W	Roli - P2	Vidal - P1	Principe - P2
		Gleyzer - P2	Suykens - P1	Wang - W	Srihari - P1
11:00-12:30	Smola - P1	Mikolov -P1	Ji - P2	Ney - W	Varoquaux - P2
	Suganthan - P2	Schuller - P2	Zhang - P1	Roli - P2	Vidal - P1
	Thirion - W			Suykens - P1	Wang - W
	Lunch	*Lunch*	*Lunch*	*Lunch*	*Lunch*
13:30-15:00	Courville - P1	Smola - P1	Ney - W	Kwok - W	Honavar - W
	El Naqa - W	Suganthan - P2	Roli - P2	Principe - P2	Xu - P1
	Gleyzer - P2	Thirion - W	Suykens - P1	Srihari - P1	Yang - P2
15:30-17:00	Mikolov -P1	Courville - P1	Ji - P2	Varoquaux - P2	Kwok - W
	Schuller - P2	El Naqa - W	Zhang - P1	Vidal - P1	Principe - P2
		Gleyzer - P2		Wang - W	Srihari - P1
17:30-19:00	Smola - P1	Ji - P2	Employer session	Honavar - W	Honavar - W
	Suganthan - P2	Zhang - P1		Xu - P1	Xu - P1
	Thirion - W			Yang - P2	Yang - P2
19:15-20:15		Keynote Balcan - P1	Keynote Gales - P1	Keynote van der Schaar - P1	
		Dinner with strangers	*Dinner with strangers*	*Dinner with strangers*	

Monday, 22

08:00-08:45

Reception

08:45-09:00

Location: P1 → Welcome

09:00-10:30

Location: P1, **Tomas Mikolov** - Facebook ▻ "Using Neural Networks for Modeling and Representing Natural Languages (*with Piotr Bojanowski and Armand Joulin*)" introductory

Location: P2, **Björn Schuller** - Imperial College London ▻ "Deep Learning for Intelligent Signal Processing" introductory/intermediate

11:00-12:30

Location: P1, **Alex Smola** - Amazon ▻ "Dive into Deep Learning" introductory

Location: P2, **Ponnuthurai N Suganthan** - Nanyang Technological University ▻ "Learning Algorithms for Classification, Forecasting and Visual Tracking" introductory/intermediate

Location: W, **Bertrand Thirion** - INRIA ▻ "Understanding the Brain with Machine Learning" introductory

12:30-13:30

Lunch

13:30-15:00

Location: P1, **Aaron Courville** - University of Montréal ▻ "Deep Generative Models" introductory/intermediate

Location: W, **Issam El Naqa** - University of Michigan ▻ "Deep Learning for Biomedicine" introductory/intermediate

Location: P2, **Sergei V. Gleyzer** - University of Florida ▻ "Feature Extraction, End-end Deep Learning and Applications to Very Large Scientific Data: Rare Signal Extraction, Uncertainty Estimation and Realtime Machine Learning Applications in Software and Hardware" introductory/intermediate

15:30-17:00

Location: P1, **Tomas Mikolov** - Facebook ▻ "Using Neural Networks for Modeling and Representing Natural Languages (*with Piotr Bojanowski and Armand Joulin*)" introductory

Location: P2, **Björn Schuller** - Imperial College London ▻ "Deep Learning for Intelligent Signal Processing" introductory/intermediate

17:30-19:00

Location: P1, **Alex Smola** - Amazon ▻ "Dive into Deep Learning" introductory

Location: P2, **Ponnuthurai N Suganthan** - Nanyang Technological University ▻ "Learning Algorithms for Classification, Forecasting and Visual Tracking" introductory/intermediate

Location: W, **Bertrand Thirion** - INRIA ▻ "Understanding the Brain with Machine Learning" introductory

Tuesday, 23

08:00-08:45

Location: W → Open session I

09:00-10:30

Location: P1, **Aaron Courville** - University of Montréal ▻ "Deep Generative Models" introductory/intermediate

Location: W, **Issam El Naqa** - University of Michigan ▻ "Deep Learning for Biomedicine" introductory/intermediate

Location: P2, **Sergei V. Gleyzer** - University of Florida ▻ "Feature Extraction, End-end Deep Learning and Applications to Very Large Scientific Data: Rare Signal Extraction, Uncertainty Estimation and Realtime Machine Learning Applications in Software and Hardware" introductory/intermediate

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Lunch

13:30-15:00

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17:30-19:00

Location: P2, **Qiang Ji** - Rensselaer Polytechnic Institute ▻ "Probabilistic Deep Learning for Computer Vision" introductory/intermediate

Location: P1, **Zhongfei Zhang** - Binghamton University ▻ "Knowledge Discovery from Complex Data with Deep Learning" introductory/advanced

19:15-20:15

Location: P1 → Keynote Balcan

20:30 - ...

Dinner with strangers

Wednesday, 24

08:00-08:45

Location: W → Industrial session I

09:00-10:30

Location: W, **Hermann Ney** - RWTH Aachen University ▻ "Speech Recognition and Machine Translation: From Statistical Decision Theory to Machine Learning and Deep Neural Networks" intermediate/advanced

Location: P2, **Fabio Roli** - University of Cagliari ▻ "Adversarial Machine Learning" introductory/intermediate

Location: P1, **Johan Suykens** - KU Leuven ▻ "Deep Learning, Neural Networks and Kernel Machines" introductory/intermediate

11:00-12:30

Location: P2, **Qiang Ji** - Rensselaer Polytechnic Institute ▻ "Probabilistic Deep Learning for Computer Vision" introductory/intermediate

Location: P1, **Zhongfei Zhang** - Binghamton University ▻ "Knowledge Discovery from Complex Data with Deep Learning" introductory/advanced

12:30-13:30

Lunch

13:30-15:00

Location: W, **Hermann Ney** - RWTH Aachen University ▻ "Speech Recognition and Machine Translation: From Statistical Decision Theory to Machine Learning and Deep Neural Networks" intermediate/advanced

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15:30-17:00

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Location: P1, **Zhongfei Zhang** - Binghamton University ▻ "Knowledge Discovery from Complex Data with Deep Learning" introductory/advanced

17:30-19:00

Employer session

19:15-20:15

Location: P1 → Keynote Gales

20:30 - ...

Dinner with strangers

Thursday, 25

08:00-08:45

Location: W → Open session II

09:00-10:30

Location: P2, **Gaël Varoquaux** - INRIA ▻ "Representation Learning in Limited Data Settings" intermediate

Location: P1, **René Vidal** - Johns Hopkins University ▻ "Mathematics of Deep Learning" intermediate/advanced

Location: W, **Haixun Wang** - WeWork ▻ "Abstractions, Concepts, and Machine Learning" intermediate

11:00-12:30

Location: W, **Hermann Ney** - RWTH Aachen University ▻ "Speech Recognition and Machine Translation: From Statistical Decision Theory to Machine Learning and Deep Neural Networks" intermediate/advanced

Location: P2, **Fabio Roli** - University of Cagliari ▻ "Adversarial Machine Learning" introductory/intermediate

Location: P1, **Johan Suykens** - KU Leuven ▻ "Deep Learning, Neural Networks and Kernel Machines" introductory/intermediate

12:30-13:30

Lunch

13:30-15:00

Location: W, **James Kwok** - Hong Kong University of Science and Technology ▻ "Compressing Neural Networks" introductory/intermediate

Location: P2, **Jose C. Principe** - University of Florida ▻ "Cognitive Architectures for Object Recognition in Video" intermediate/advanced

Location: P1, **Sargur Srihari** - University at Buffalo ▻ "Explainable Artificial Intelligence" intermediate/advanced

15:30-17:00

Location: P2, **Gaël Varoquaux** - INRIA ▻ "Representation Learning in Limited Data Settings" intermediate

Location: P1, **René Vidal** - Johns Hopkins University ▻ "Mathematics of Deep Learning" intermediate/advanced

Location: W, **Haixun Wang** - WeWork ▻ "Abstractions, Concepts, and Machine Learning" intermediate

17:30-19:00

Location: W, **Vasant Honavar** - Pennsylvania State University ▻ "Causal Models for Making Sense of Data" introductory/intermediate

Location: P1, **Xiaowei Xu** - University of Arkansas, Little Rock ▻ "Multi-resolution Models for Learning Multilevel Abstract Representations of Text" introductory/advanced

Location: P2, **Ming-Hsuan Yang** - University of California, Merced ▻ "Learning to Track Objects" intermediate/advanced

19:15-20:15

Location: P1 → Keynote van der Schaar

20:30 - ...

Dinner with strangers

Friday, 26

08:00-08:45

Location: W → Industrial session II

09:00-10:30

Location: W, **James Kwok** - Hong Kong University of Science and Technology ▻ "Compressing Neural Networks" introductory/intermediate

Location: P2, **Jose C. Principe** - University of Florida ▻ "Cognitive Architectures for Object Recognition in Video" intermediate/advanced

Location: P1, **Sargur Srihari** - University at Buffalo ▻ "Explainable Artificial Intelligence" intermediate/advanced

11:00-12:30

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Location: P1, **René Vidal** - Johns Hopkins University ▻ "Mathematics of Deep Learning" intermediate/advanced

Location: W, **Haixun Wang** - WeWork ▻ "Abstractions, Concepts, and Machine Learning" intermediate

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Lunch

13:30-15:00

Location: W, **Vasant Honavar** - Pennsylvania State University ▻ "Causal Models for Making Sense of Data"
introductory/intermediate

Location: P1, **Xiaowei Xu** - University of Arkansas, Little Rock ▻ "Multi-resolution Models for Learning Multilevel Abstract Representations of Text" introductory/advanced

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intermediate/advanced

Active links:

BigDat 2020 - 6th International Winter School on Big Data

TPNC 2019 - 8th International Conference on the Theory and Practice of Natural Computing

SLSP 2019 - 7th International Conference on Statistical Language and Speech Processing

AICoB 2019 - 6th International Conference on Algorithms for Computational Biology

LATA 2019 - 13th International Conference on Language and Automata Theory and Applications

DeepLearn 2019
Warsaw

Past links:

DeepLearn 2018

DeepLearn 2017