

DEEPLearn 2017: PROGRAM					
Day	Time	Auditorio	A1	Barria	A3
Mo 17	08:30-09:30	Deng (k.)			
	09:30-10:00	Opening			
	10:00-11:45	Ranzato	Dechter	Baldi	Vandewalle
	12:15-14:00	Ahuja	Gschwind	Sun	Deng
		<i>lunch</i>	<i>lunch</i>	<i>lunch</i>	<i>lunch</i>
	15:00-16:45	Wu	Behnke	Xing	
	17:15-19:00	Ranzato	Dechter	Baldi	Vandewalle
	19:30-21:15	Ahuja	Gschwind	Sun	Deng
Tu 18	08:30-09:30	Socher (vid.)			
	09:30-11:15	Wu	Behnke	Xing	
	11:45-13:30	Ranzato	Dechter	Baldi	Vandewalle
		<i>lunch</i>	<i>lunch</i>	<i>lunch</i>	<i>lunch</i>
	14:30-16:15	Ahuja	Gschwind	Sun	Deng
	16:45-18:30	Wu	Behnke	Xing	
	19:00-20:45	Breuel	Li	Cybenko	Murray-Smith
We 19	08:00-09:30	Round table			
	09:30-11:15	Bennamoun	Yih	Riesenhuber	Lee
	11:45-13:30	Breuel	Li	Cybenko	Murray-Smith
		<i>lunch</i>	<i>lunch</i>	<i>lunch</i>	<i>lunch</i>
	14:30-16:15	Bennamoun	Yih	Riesenhuber	Lee
	16:45-18:30	Breuel	Li	Cybenko	Murray-Smith
	19:00-20:20		Open session (A)	Open session (B)	
20:30	Get together (no assigned room)				

Day	Time	Auditorio	A1	Barria	A3
Th 20	08:30-09:30	<i>Employer session (no assigned room)</i>			
	09:30-11:15	Ney	Principe	Yannakakis	
	11:45-13:30	Bennamoun	Yih	Riesenhuber	Lee
		<i>lunch</i>	<i>lunch</i>	<i>lunch</i>	<i>lunch</i>
	14:30-16:15		Gao	Sperduti	Mozer
	16:45-18:30		Ney	Principe	Yannakakis
	19:00-20:45		Salakhutdinov (vid.)	Zemel	Togelius
Fr 21	08:30-09:30	<i>Industrial session</i>			
	09:30-11:15	Gao	Sperduti	Mozer	
	11:45-13:30	Ney	Principe	Yannakakis	
		<i>lunch</i>	<i>lunch</i>	<i>lunch</i>	<i>lunch</i>
	14:30-16:15	Salakhutdinov (vid.)	Zemel	Togelius	
	16:45-18:30	Gao	Sperduti	Mozer	
	19:00-20:45	Salakhutdinov (vid.)	Zemel	Togelius	

KEYNOTES:

Li Deng, Recent Advances in Unsupervised Deep Learning
Richard Socher, Tackling the Limits of Deep Learning

COURSES:

Narendra Ahuja, Basics of Deep Learning with Applications to Image Processing, Pattern Recognition and Computer Vision
Pierre Baldi, Deep Learning: Theory and Applications to the Natural Sciences
Sven Behnke, Visual Perception using Deep Convolutional Neural Networks
Mohammed Bannamoun, Deep Learning for Computer Vision
Thomas Breuel, Applied Deep Learning for Visual Computing, Autonomous Vehicles, and Gaming
George Cybenko, Deep Learning of Behaviors
Rina Dechter & Alexander Ihler, Algorithms for Reasoning with Probabilistic Graphical Models
Li Deng, An Overview of Deep Learning for Speech, Image, Text, and Multi-modal Processing
Jianfeng Gao, An Introduction to Deep Learning for Natural Language Processing
Michael Gschwind, Deploying Deep Learning Applications at the Enterprise Scale
Soo-Young Lee, Emotion, Top-down Attention, and Brain Internal States for Next-generation Chatbots
Li Erran Li, Deep Reinforcement Learning: Recent Advances and Frontiers
Michael C. Mozer, Incorporating Domain Bias into Neural Networks
Roderick Murray-Smith, Applications of Deep Learning Models in Human-Computer Interaction Research
Hermann Ney, Speech Recognition and Machine Translation: From Statistical Decision Theory to Machine Learning and Deep Neural Networks
Jose C. Principe, Cognitive Architectures for Object Recognition in Video
Marc'Aurelio Ranzato, Learning Representations for Vision, Speech and Text Processing Applications
Maximilian Riesenhuber, Deep Learning in the Brain
Ruslan Salakhutdinov, Foundations of Deep Learning and its Recent Advances
Alessandro Sperduti, Deep Learning for Sequences
Jimeng Sun, Interpretable Deep Learning Models for Healthcare Applications
Julian Togelius, (Deep) Learning for (Video) Games
Joos Vandewalle, Data Processing Methods, and Applications of Least Squares Support Vector Machines
Ying Nian Wu, Generative Modeling and Unsupervised Learning
Eric P. Xing, A Statistical Machine Learning Perspective of Deep Learning: Algorithm, Theory, Scalable Computing
Georgios N. Yannakakis, Deep Learning for Games - But Not for Playing them
Scott Wen-tau Yih, Continuous Representations for Natural Language Understanding
Richard Zemel, Learning to Understand Images and Text

ROUND TABLE: Narendra Ahuja, Thomas Breuel, George Cybenko, Soo-Young Lee, Georgios Yannakakis