

# DeepLearn 2026

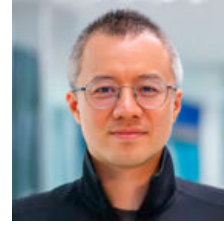
## 13th INTERNATIONAL SCHOOL ON DEEP LEARNING

Orléans, France · July 20-24, 2026

### Keynotes



**Yingbin Liang**  
**Ohio State University**  
Theoretical Characterization of Training Transformers for Chain-of-Thought Reasoning



**Le Song**  
**Mohamed bin Zayed University of Artificial Intelligence**  
Multiscale Foundation Models for Biology

### Courses (to be completed)



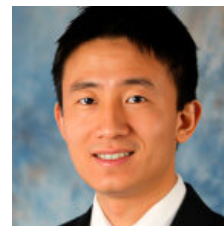
**Yuejie Chi**  
**Yale University**  
[introductory/intermediate] Statistical and Algorithmic Foundations of Reinforcement Learning



**Bo Han**  
**Hong Kong Baptist University**  
[introductory/intermediate] Trustworthy Machine Learning from Data to Models



**Jiawei Han**  
**University of Illinois Urbana-Champaign**  
[intermediate] Structure-Guided, Theme-Based Knowledge Discovery with Large Language Models



**Mingyi Hong**  
**University of Minnesota**  
[intermediate] Bilevel Optimization: Theory, Algorithms and Application in AI



**Cho-Jui Hsieh**  
**University of California Los Angeles**  
[intermediate/advanced] Optimizers for Large Language Model Training



**Furong Huang**  
**University of Maryland**  
tba



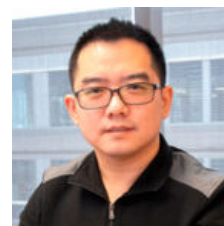
**Tara Javidi**  
**University of California San Diego**  
[intermediate] Active Physical Intelligence for Industrial Scale Monitoring



**Zhijin Qin**  
**Tsinghua University**  
[intermediate/advanced] Semantic Communications



**Masashi Sugiyama**  
**University of Tokyo**  
[intermediate] Learning from Imperfect Supervision



**Atlas Wang**  
**University of Texas Austin**  
[intermediate/advanced] Beyond Sparsity or Low Rank: In-Between Neural and Symbolic Learning



**Tong Zhang**  
**University of Illinois Urbana-Champaign**  
[introductory/intermediate] Reinforcement Learning for Foundation Models



**Jun Zhu**  
**Tsinghua University**  
[introductory/advanced] TBA

More info: <https://deeplearn.irdta.eu/2026>



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Institute for Research Development,  
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