Program Preview – ScaDS.AI DRESDEN LEIPZIG Summer School 2026 – Neuro+Symbolic AI

[v05 - Mar 06]

Mon, Jun 22

- Registration
- Opening
- M Valentino — Large Language Models and Transformers
- coffee
- V Belle — The Future Is Neuro-Symbolic:Where Has It Been, and Where Is It Going?
- lunch
- P Hitzler — LLMs for KG and Ontology Engineering
- coffee
- Connecting the Dots
- M Valentino — LLM-Driven Neuro-Symbolic Integration
- Social Offer - TBD

Tue, Jun 23

- Registration
- O Okhrin — Foundations of Neural Networks: Part1
- coffee
- P Hitzler — Analysis of Hidden Neuron Activations in Deep Learning Models using Concept Induction Reasoning
- Connecting the Dots
- lunch
- O Okhrin — Foundations of Neural Networks: Part2
- coffee
- L Manjunath — Solving Mazes Using LLMs
- M Färber, T. Schreieder — Evidence-Based Text Generation with LLMs
- Social Dinner

Wed, Jun 24

- Registration
- ? A Mileo, D Stepanova ? — TBD
- A Mileo — Understanding Neurons' Activations via Knowledge Graphs for Human-Centered Explainability
- coffee /possibly group picture)
- Poster Session (voluntary contributions)
- lunch

free afternoon

(open space at venue + optional social activities will be proposed)

Thu, Jun 25

- Registration
- V Derkinderen, G Marra — Synthesis of Neurosymbolic AI via Deep Logic Approaches: Part 1
- coffee
- G Marra, V Derkinderen — Synthesis of Neurosymbolic AI via Deep Logic Approaches: Part 2
- lunch
- M Johansson — Conjecturing in Mathematical Reasoning: From Symbolic to Neuro-Symbolic Methods
- coffee
- Connecting the Dots
- Y Hu, S Razniewski — LLM Knowledge Materialization
- R Haase — Navigating in Latent Space and Retrieval Augmen-ted Generation
- Social Offer - TBD

Fri, Jun 26

- Registration
- F Ilievski — Commonsense Reasoning Foundations
- coffee
- F Ilievski — Interdisciplinary Challenges of Analogy and Abstraction
- lunch
- Connecting the Dots
- D Stepanova — Towards Unlocking Industrial Potential of Neuro-Symbolic AI at Bosch: Opportunities and Challenges
- Closing (with coffee)

09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00

Legend [duration]

Short Course [75]	Talk Slot [60]	Hands-On [90]
Attendee-Driven	Organizer-Driven	Social

Connecting the Dots = Q&A session with lecturer panel