

# Summer School in Deep Learning and LLMs for NLP.

The 3rd Summer School on Deep Learning and Large Language Models for NLP will take place as part of RANLP 2025 from 3rd September to 5th September 2025 in the city of Varna, Bulgaria.

RANLP '25, Varna

September 3rd, 2025



## The 3rd Summer School on Deep Learning and Large Language Models for NLP Call for Participation

---

Website - <https://ranlp2025-summer-school.github.io/>

We invite everyone interested in Machine Learning and Natural Language Processing to attend the 3rd Summer School on Deep Learning and Large Language Models (LLMs) for Natural Language Processing (NLP), which will be held from September 3–5, 2025, in Varna, Bulgaria, as part of RANLP 2025.

Building on the success of the 1st and 2nd RANLP summer schools in 2019 and 2023 respectively, RANLP 2025 summer school will explore a broad spectrum of NLP topics with a special emphasis on LLMs.

Each day will feature morning lectures that focus on theoretical foundations, followed by afternoon lab sessions dedicated to hands-on implementation and experimentation. Participants will also have the opportunity to compete in a competition, with awards presented to the top performers.

The summer school will feature talks by leading researchers in NLP and deep learning from both academia and industry.

### Summer School Lecturers

- **Dr Salima Lamsiyah** (Luxembourg University, Luxembourg)
- **Dr Burcu Can Buglalilar** (University of Sterling, UK)
- **Dr Hansi Hettiarachchi** (Lancaster University, UK)
- **Dr Andrei Mikheev** (Daxtra Technologies, UK)
- **Dr Max Müller-Eberstein** (IT University of Copenhagen, Denmark)
- **Dr Tharindu Ranasinghe** (Lancaster University, UK)

## Summer School Tutors

- **Maram Alharbi** (Lancaster University, UK)
- **Isuri Nanomi Arachchige** (Lancaster University, UK)
- **Salmane Chafik** (Mohammed VI Polytechnic University, Morocco)
- **Ernesto Luis Estevanell** (University of Alicante, Spain)
- **Alexander Mikheev** (Daxtra Technologies, UK)
- **Damith Dola Mullage Premasiri** (Lancaster University, UK)

## Programme

	Day 1 NLP/ DL Foundation	Day 2 LLM Foundation	Day 3 LLM Applications
09:00 - 10:30	Introduction to NLP and Deep Learning Dr Tharindu Ranasinghe	Introduction to LLMs Dr Burcu Can	Training a Danish LLM: Lessons Learned Dr Max Müller-Eberstein
10:30 - 11:00	Coffee/ Tea Break		
11:00 - 12:30	Language Models and Beyond Dr Hansi Hettiarachchi	Evaluating and Benchmarking LLMs Dr Salima Lamsiyah	LLMs in Recruitment Sector (Tentative) Dr Andrei Mikheev and Alexander Mikheev
12:30 - 2:00	Lunch		
2:00 - 3:00	Practical Session I: Word embeddings and Deep Learning in NLP	Practical Session III: Prompting and finetuning LLMs	Practical Session V: Implementing LLMs in the Legal Domain
3:00 - 3:30	Introducing the Summer School Competition, Your Teams and Mentors		
3:30 - 4:00	Coffee/ Tea Break		
4:00 - 5:30	Practical Session II: Transformers in NLP	Practical Session IV: Tools for LLMs: LangGraph	Practical Session VI: LLMs for Code Generation
5:30 - 6:00	Open Session with Mentors and Teams	Open Session with Mentors and Teams	Awards and Closing

We are looking forward to your participation!

The organisers of RANLP 2025 Summer School