



# Systems for AI / AI for Systems

# WG leads



Dolly Sapra

[d.sapra@uva.nl](mailto:d.sapra@uva.nl)

Edge AI  
Adaptive AI



Rob van Nieuwpoort

[r.van.Nieuwpoort@liacs.leidenuniv.nl](mailto:r.van.Nieuwpoort@liacs.leidenuniv.nl)

GPUs  
Radio Astronomy  
High-performance  
Computing



Nirvana Meratnia

[n.meratnia@tue.nl](mailto:n.meratnia@tue.nl)

Pervasive computing  
Sustainable computing  
Edge AI  
Internet of Things



Nikolaos Alachiotis

[n.alachiotis@utwente.nl](mailto:n.alachiotis@utwente.nl)

High Performance  
Computing  
FPGAs  
GPUs  
Bioinformatics



Qing Wang

[qing.wang@tudelft.nl](mailto:qing.wang@tudelft.nl)

Embedded AI  
6G and VLC

# Mission & Goals

**Mission:** Build a visible, interdisciplinary community around Systems × AI that connects PhD students, and researchers working across traditionally separated domains.

**Goal:** We will make joint efforts to develop **Robust and Efficient Systems for AI** (e.g., energy- and computing-efficient, reliable (embedded/edge) computing systems and networks) and **Effective AI for Systems** (e.g., distributed and explainable AI methods to manage and orchestrate shared system resources, address complexity, and to improve systems scalability).

## 2026 goals

- Establish a shared vocabulary and problem space across systems and AI
- Create a regular forum for PhD-level discussion and feedback
- Identify joint research themes leading to collaborations, papers, and proposals
- Increase community visibility inside and beyond our institute

# 2026 Activities & Timeline

## 1. Systems–AI PhD Forum Colloquium

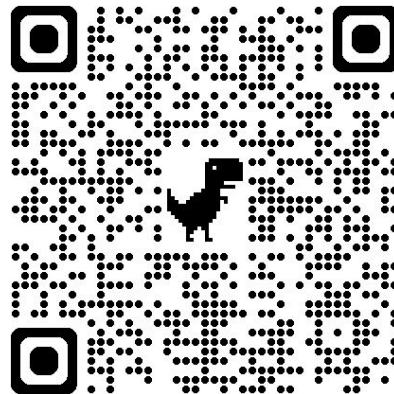
March 18, 2026

Short research talks by PhD students

Cross-disciplinary feedback (AI ↔ Systems)

Open discussion on shared challenges and methods

Registration : <https://forms.gle/LASogh71rs7jezCD6>



# 2026 Activities & Timeline

## 2. CompSys & 4TU.NIRICT & Summer School on Systems Meet AI 2026

Dates: Mid~end of June 2026

Duration: 4 to 5 Days (Onsite)

Participants: 40–50 PhD and advanced MSc students, alongside early-career researchers (Postdoc/Junior R&D staff) from academia and industry.

\* Might be also supported by ACM Europe (proposal submitted)

## **2026 Activities & Timeline**

**3. Seminar + Industry Engagement in Enschede (September 2026)**

**4. Workshop in Eindhoven (November 2026)**