Welcome to CompSys 2025

The 8th Dutch Computer Systems and Networks Conference

Program chairs

Mitra Nasri

Daniele Bonetta

Sven-Bodo Scholz

TU/e EINDHOVEN UNIVERSITY OF TECHNOLOGY

VU VRIJE UNIVERSITEIT AMSTERDAM

Radboud Universiteit

May 21– 23
Carlton Hotel, Utrecht

What is CompSys?

The CompSys community is part of the IPN Special Interest Group on **Future Computer Systems and Networking (FCSN)** — a vibrant network of researchers and tech experts in the Netherlands advancing the future of computing and networking.

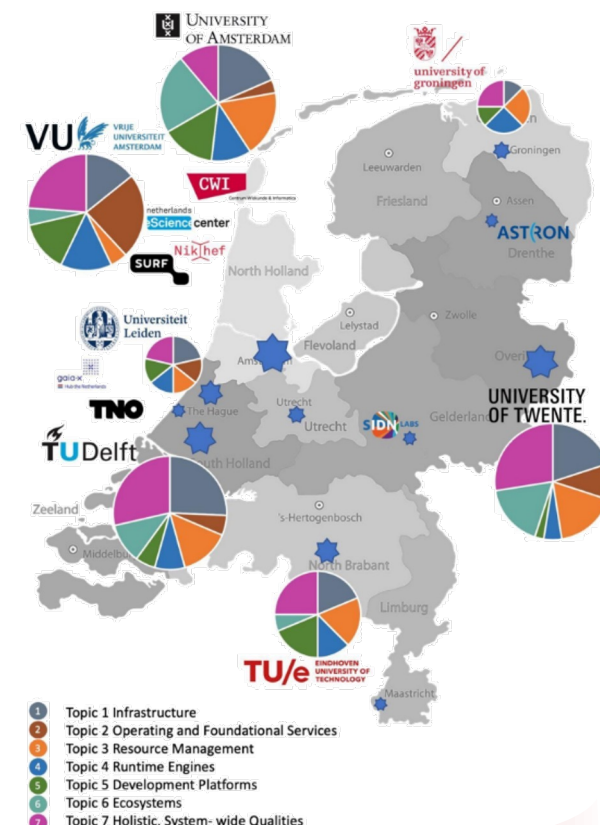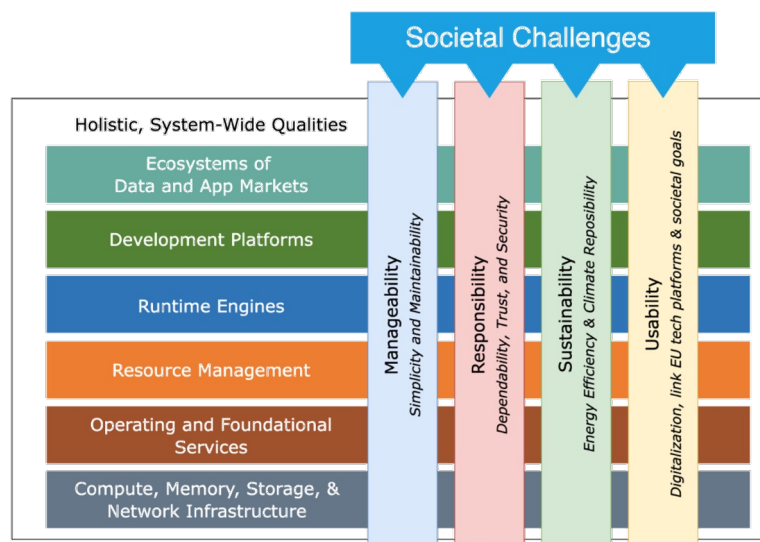CompSys steering committee

Paola Grosso

Fernando Kuipers

Ana Lucia Varbanescu

Alexandru Iosup

Societal Challenges

Holistic, System-Wide Qualities

Ecosystems of Data and App Markets

Development Platforms

Runtime Engines

Resource Management

Operating and Foundational Services

Compute, Memory, Storage, & Network Infrastructure

Manageability
Simplicity and Maintainability

Responsibility
Dependability, Trust, and Security

Sustainability
Energy Efficiency & Climate Reposibility

Usability
Digitalization, link EU tech platforms & societal goals

1 Topic 1 Infrastructure
2 Topic 2 Operating and Foundational Services
3 Topic 3 Resource Management
4 Topic 4 Runtime Engines
5 Topic 5 Development Platforms
6 Topic 6 Ecosystems
7 Topic 7 Holistic, System- wide Qualities

CompSys 2025

An overview of the program

Four very interesting **keynotes**

Bernard van Gastel
Radboud university
(Wednesday)

Jan Rellermeyer
Leibniz University Hannover
(Thursday)

Stephan Herhut
NVIDIA
(Thursday)

Suzan Bayhan
University of Twente
(Friday)

A **panel** on Valorization of Sustainability

- **Sagar Dolas** (SURF)
- **Bernard v. Gastel** (Radboud University)
- **Rachel Kuijlenburg** (Logius, Dutch government IT Dept.)
- **Jason Maassen** (Netherlands eScience center)

Wednesday: 16:30 – 17:30

Community activities

Who is who:
- Get to know fellow researchers of the community
- Wednesday: 12:15 – 12:45

Townhall:
- Get to know the CompSys community and workgroups
- Thursday: 18:00 – 18:30

Social activity:
- pubquiz
- Thursday: 20:30

CompSys 2025

An overview of the program

29 research talks in 9 **sessions**

Day 1 (Wednesday)
1. Sustainable computing
2. Efficient machine learning
3. Privacy and security of computing systems

Day 2 (Thursday)
4. Distributed computing
5. Blocks, trees, and graphs magic
6. GPUs and friends
7. Systems and safety

Day 3 (Friday)
8. Networks and more
9. Emerging applications

Talks will be 10 minutes each

The **award ceremony**

- **Best ASCI Thesis Award**
- **Best-Presentation Award**

Friday 12:15—12:30

Best-Presentation Award!
(chosen by YOUR votes)

SCAN ME

- You can change your vote during the conference.

- The voting is confidential, but to make it possible to change your vote later, we will need to enter your email.

CompSys 2025

Logistics

- Hotel check in: 14:00
- On Friday, check out before 9:00!

Lunches and dinners at One24 buffet restaurant
(ground floor)

Coffee breaks on Day 1 in the lounge
(first floor)

Pub quiz is at the Privat bar