Newsletter

CloudSkin

CloudSkin at CEC 2025:
Advancing the Cloud-Edge Continuum

The **Cloud-Edge Continuum (CEC) Workshop 2025** took place on **September 22, 2025**, in **Seoul, South Korea**, co-located with **IEEE ICNP**. Now in its third edition, the workshop continues to be co-organized by **Dell Technologies**, reaffirming its commitment to shaping the future of distributed, edge-native systems.

This year's edition gathered **15 attendees**, featured **1 keynote**, and showcased **8 peer-reviewed papers** selected from **13 submissions**. The workshop also hosted **4 poster sessions (Intend, Clever, Neardata, and CloudSkin)** spotlighting emerging research in **edge orchestration, data management, and programmable infrastructure**.

by Raúl Gracia (Dell Technologies)

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Keynote Highlight

The keynote was delivered by **Dr. JeongGil Ko** from **Yonsei University**, titled *"Migrating the Intelligence from the Cloud to Users: From On-device Training to Federated Learning."* Dr. Ko explored the paradigm shift in mobile sensing and computing, where intelligence is increasingly migrating from centralized cloud infrastructures to user devices.

Workshop Themes & Topics

The program focused on cutting-edge research across the continuum, including:

- **Network optimization & interoperable protocols**
- **System architectures & hardware innovations**
- **Security, privacy & trust in distributed systems**
- **Serverless & mobile computing models**
- **Federated learning, swarm intelligence, and GenAI**
- **QoS, SLA management, and sustainability**
- **Smart use-cases powered by Cloud-Edge synergy**

International Collaboration

With South Korea's recent association with **Horizon Europe**, the workshop also served as a platform to foster **EU-Korea collaboration**.
Dedicated sessions highlighted opportunities for joint research, funding pathways, and integration into European innovation ecosystems.

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