



SPECIAL SESSION ON FEDERATED LEARNING ON BIG DATA

Phoenix, Arizona, USA
From 14 to 17 December 2026



DISCUSSION AND INSIGHTS

The *Special Session on Federated Learning on Big Data* aims to explore scalable and privacy-preserving machine learning approaches for distributed large-scale data.

It brings together researchers and practitioners to address technical challenges, security issues, and real-world applications in domains such as healthcare, finance, and IoT.

TOPICS OF INTEREST

- Federated learning algorithms for Big Data processing
- FL in healthcare, finance, and IoT
- Model update solutions in non-IID data distributions
- Resource-efficient federated learning for edge devices
- Federated Unlearning methodologies
- Architectures and platforms for federated learning deployment



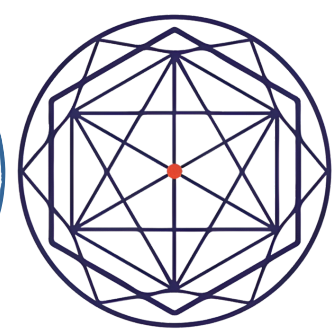
For more information and updates

**Scan the QR code and visit our
official special session page.**

ORGANIZERS

Francesco Piccialli
Fabio Giampaolo
Daniela Annunziata

M.O.D.A.L. Research Group at
University of Naples Federico II, Italy



David Camacho
Universidad Politécnica de Madrid, Spain



IMPORTANT DATES

- **Full paper submission**
Sep 30, 2026
- **Acceptance notification**
Oct 31, 2026
- **Camera ready**
Nov 14, 2026
- **Special Session**
Dec 14-17, 2026