

MICA 2026 WORKSHOP • PROGRAM

Beyond the Model: Workshop on Machine Learning Systems, Federated Learning, and MLOps



SCAN FOR DETAILS

DATE

Monday, November 2, 2026

Part of MICA 2026, Nov 2–6

TIME

11:00 – 14:00

Three hours • in English

VENUE

Tecnológico de Monterrey

Campus Chihuahua, Chihuahua, Mexico

Program

11:00 – 11:10

OPENING

Welcome and workshop overview

Dr. Iván Reyes Amezcua • Dr. Gilberto Ochoa-Ruiz • Tecnológico de Monterrey



11:10 – 11:40

KEYNOTE

Machine learning systems in industry

Dr. Salvador Hinojosa



11:40 – 13:00

ACCEPTED PAPERS • 15 MIN TALK + 5 MIN Q&A EACH

Paper presentations and authors

Session chair: M.Sc. Antonio Low



PBS-FL: Anonymous Federated Learning with Verifiable Update Inclusion

Rocío Aldeco-Pérez, Oscar Manuel Ruiz Hurtado • UNAM, Mexico

From Hybrid Ensembles to Graph Models: An MLOps-Driven Comparison of Collaborative Filtering for Online Judges

Wilson Julca-Mejía, Herminio Paucar-Curasma, Luzmila Elisa Pro-Concepción • UNMSM, Peru

Retrieval-Verification Separation: A Dual-Metric Architecture for Self-Monitoring RAG Systems

Jorge Gálvez, Ernesto Mendoza, Isaac Bolio, David Rodríguez • Universidad de Guadalajara, Mexico

When the Baseline Chases the Plant: Self-Reference, Auditability and Data Lineage in a Production Photovoltaic Monitoring Pipeline

Daniel Romero Villacís, David Fiallos Chamorro • Tecnológico de Monterrey, Mexico • Sun Conservation, Ecuador

13:00 – 13:50

TUTORIAL

Hands-on MLOps

Dr. Gerardo Rodríguez-Hernández • M.Sc. Ricardo Valdez Hernández



13:50 – 14:00

CLOSING

Best Paper Award and closing remarks