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Boubaker Abdallah, CES Lab
Nesrine Affes, CES Lab



<https://forms.gle/oDLdCm9g182a18wz7>

Registration is free but mandatory

Limited places in-person

Registration Deadline:

22/11/2025

For more details please visit our website on:

<http://www.ceslab.org/TWESD2025>

Contact : twesd.ces@gmail.com



December 20-21, 2025

National School of Engineers of Sfax (ENIS), Tunisia

CALL FOR PARTICIPATION

About the Workshop:

The **Tunisian Workshop on Embedded Systems Design (TWESD)** is an annual scientific event that brings together researchers, PhD students, and industry professionals to explore the latest advances in embedded systems.

The **2025 edition** focuses on **Embedded AI Agents** — a new paradigm enabling intelligent, autonomous, and context-aware functionalities in embedded and edge platforms.

Program Highlights:

- Keynote Talks:** Get inspired by leaders in AI Agents and Embedded Systems.
- CES Lab Projects:** Discover innovative projects and real-world applications.
- PhD Presentations:** Showcase your research progress and get expert feedback.
- Hands-on Training:** Learn by doing in AI and Embedded Systems.
- Networking:** Connect, collaborate, and share ideas with peers.

Day 1: Keynotes (December 20, 2025):

- Pr. Brahim Hnich, FSM “AI Agents and Ethics in Scientific Research”
- Pr. Mohamed Kossentini, IPEIS, “Embedded Agentic AI: A New Neural Paradigm”
- Pr. Neila Mezghani, INRS-EMT, Canada, “Merging disciplines for responsible and explainable AI in healthcare.”
- Pr. Mohamed Ould Elhassen, FSB, “Building AIoT: from data collection to deployment”
- Dr. M. Kharrat, FSS, “AI powered IoT device development from idea to production”
- Pr. Mohamed Abid, ENIS, “Foundations of Agentic AI and Embedded Systems”

Day 2: Hands-on Training (December 21, 2025):

• “AI Agents & Embedded Systems”

Trainers: • Dr. Manel Bentati, ENET'Com

- Ing. Moatez Zouari, Miracl Development, Tunisia
- Pr. Mohamed Abid, CES Lab, ENIS