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Local Arrangement Committee

Boubaker Abdallah, CES Lab
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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 Hentati, ENET'Com

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



<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