

# IEEE I&M Society and MeMeA2026 International Demo Contest



IEEE  
Medical  
Measurements &  
Applications

Montevideo, Uruguay  
April 7-10, 2026

## PURPOSE

To inspire and engage the younger generations in exploring the field of medical measurements and applications.

## FINAL CONTEST / DATE & VENUE

The final stage of the contest will take place at the venue of IEEE MeMeA 2026 during the conference.

## EVALUATION COMMITTEE

The Evaluation Committee consists of five members:

- » VP Membership
- » VP Education
- » MeMeA Steering Committee Representative
- » MeMeA2026 General Chair
- » Undergraduate Student Representative

## PARTICIPANTS

This international IEEE I&M MeMeA 2026 International Demo Contest includes teams of Undergraduates, Master and Ph.D. students, Young Researchers, and Start-uppers. It aims to stimulate innovative ideas for applications in the area of medical measurements and applications.

## FOCUSING TOPICS

The contest topic is the realization of a prototype. Participating teams must focus on developing measurement systems relevant to the MeMeA focus of interest using instrumentation and measurement-associated technologies.

The contest emphasizes hands-on solutions; therefore, new or implemented hardware/systems are highly welcomed.

## SELECTION FOR FINAL STAGE

A maximum of six teams will be selected for the final stage at MeMeA 2026. Teams must submit an application package to the Evaluation Committee by **February 28, 2026**. All applications will be evaluated based on the same criteria used for the final stage. The Evaluation Committee will notify the teams selected for the final stage by **March 6**.

## FINAL STAGE

During the final stage, the selected teams will be invited to bring a working demonstrator of their proposal to MeMeA 2026 and present it to the Evaluation Committee during a dedicated session. An A0 poster illustrating the demo is required. Failure to provide the poster will result in exclusion from the competition.

## TEAM ORGANIZATION

Participating teams may include up to four members and must identify a faculty member at their university who will act as a mentor and point of contact with the Evaluation Committee.

## APPLICATION PACKAGE

The application package must include:

- 1. A technical description of the proposal (maximum three pages) including:**
  - » Technical description of the demo system
  - » Significance of the application in the I&M field
  - » Measurement methodologies to be implemented
  - » Planned demo with detailed goals
  - » Cost breakdown of the demo system
- 2. One-page short résumé of the team members (one page for the whole team)**
- 3. One-page presentation letter, signed by the mentor, confirming that university laboratories are available to support the development of the instrumentation and/or measurement methodologies**
- 4. A commitment letter confirming that at least one team member will attend the live demo session at the MeMeA 2026 venue**

**Applications must be sent by email to:**

Prof. Sabrina Grassini, MeMeA2026 TPC Chair: [sabrina.grassini@polito.it](mailto:sabrina.grassini@polito.it)

Prof. Salvatore Graziani, IMS VP EdCom: [salvatore.graziani@unict.it](mailto:salvatore.graziani@unict.it)

## EVALUATION CRITERIA

Proposals will be evaluated based on the application package and the presentation at the conference using the following criteria:

- » Novelty
- » Potential Impact
- » Quality of the Live Demo and Poster
- » Cost Analysis of the Proposed System

## POSSIBLE FINANCIAL SUPPORT

The Society will provide **each selected team** with a **maximum of USD \$5,000** for travel support to the final competition venue. This budget may only be used to cover travel costs required by **team members**.

## AWARDS

**1<sup>st</sup> Place Award:** USD \$3,000 with Society Certifications for all team members and the mentor

**2<sup>nd</sup> Place Award:** USD \$2,000 with Society Certifications for all team members and the mentor

**3<sup>rd</sup> Place Award:** USD \$1,000 with Society Certifications for all team members and the mentor

**Honorable Mention:** Society Certifications for all team members and the mentor

Students of the selected teams will be offered (by reimbursement only) Student registration to attend the MeMeA 2026 Conference. **Registration at the conference is not mandatory.**

**Contacts and further information:**

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