



Best ADM Paper Award: Official Regulations and Selection Criteria 2025

(Consiglio scientifico del 27 MARZO 2025)

1. Purpose of the Award

The Best Paper Award is granted to scientific contributions that stand out for: Originality, Scientific and Technological Impact, Methodological Quality, and Clarity of Presentation.

The objective of the award is to recognize and promote excellence in research presented at the conference. The award is given to one paper per scientific macro-area, as defined in the following section.

2. Scientific macro-area

Three scientific macro-areas have been identified, consistent with the current ADM disciplinary fields:

1) Product Design and Development

- Product Design and Engineering
- GD&T
- Design for Sustainability
- Engineering Education

2) Virtual Prototyping

- 3D Scanning
- Image Processing and Applications
- Virtual and Augmented Reality
- Virtual Prototyping and Digital Twin
- Geometric Modeling and Processing

3) 3D Technologies for Engineering

- 3D Technologies for Cultural Heritage
- Methods for Medical Applications



- Human Factors and Ergonomics
- Additive Manufacturing

Each paper competes in only one scientific macro-area. The relevance to the macro-areas is declared by the author during the submission process and subsequently confirmed by the ADM Scientific Steering Committee, in collaboration with the Conference Scientific Committee (Program Board). The confirmation is based on thematic consistency criteria.

Special sessions fall within the scientific macro-areas and do not constitute independent categories, according to the guidelines of the ADM Scientific Steering Committee. Any new ADM disciplinary areas not included in these regulations will be assigned to one of the scientific macro-areas by the ADM Scientific Steering Committee.

3. Award Assignment Procedure

3.1 Review Process

Each paper is evaluated by at least two reviewers, selected by the Conference Scientific Committee (Program Board) based on their scientific expertise. Reviewers affiliated with the same institution as the authors or co-authors of other papers submitted to the same conference will not be assigned to review those papers.

The review is based on the following criteria, scored from 1 to 5, with the following weightings:

- State of the Art and Bibliography (20%)
- Contribution/Significance (30%)
- Technical Soundness (30%)
- Organization and Clarity (20%)

If a reviewer assigns the maximum score (5) to any criterion, they must provide a justification in a designated text box.

To improve evaluation reliability, a Confidence Factor (CF) is calculated based on the reviewer's familiarity with the topic, on a scale from 1 (limited knowledge) to 5 (expert). The CF helps weigh the judgment according to the declared expertise of the reviewer, enhancing the reliability of evaluations and supporting the selection of the most deserving contributions.

Reviewers can mark a paper as a "Best Paper Candidate" using a selection box in the review system. This recommendation must be supported by a written justification in a designated text field.



3.2 Selection of Best Papers

At the end of the review process, the Conference Scientific Committee (Program Board) selects the three best papers for each scientific macro-area, based on the scores assigned by the reviewers and the "Best Paper Candidate" nominations.

The ADM Scientific Steering Committee, organized in a plenary session, will then select the Best Paper for each scientific macro-area.

Committee members who are co-authors of a nominated paper or belong to the same institution as any of the authors will not participate in the Best Paper evaluation.

4. Transparency and Publication of Regulations

These Regulations and Selection Criteria are published on the official ADM website. The selection process will be conducted in accordance with transparency and impartiality principles.

Any conflict of interest must be declared by the reviewers and members of the Conference Scientific Committee (Program Board) and of the ADM Scientific Steering Committee.

The final decisions of the ADM Scientific Steering Committee will be final and indisputable.