



MNE2022 Student Oral Presentation award

Competition Rules

1. While submitting an abstract to the MNE2022 conference, the author must select YES under the option “MNE 2022 Oral Student Presentation Contest”.
2. The lead author and presenter must be a student (Master, PhD) registered at a valid university at the time of abstract submission.
3. The presented work must be primary based on the student’s own research.
4. The lead author must present his work himself, in English within the allocated time.
5. If won, the “Best MNE2022 Student Oral Presentation award” will be handled only to the presenting author.
6. The award will be announced and handled after the closing plenary talk on Friday morning.
7. By registration to the MNE student oral presentation competition, authors confirm that if granted a prize, a) that they are ready to accept the award and b) they will be present to be handled their prize. These two conditions are mandatory. Authors entering the best oral paper competition must therefore stay until last day of the conference.

Procedure

The Oral presentations will be **evaluated per topic** and there will be four Best Student Oral Presentation Awards:

- Topic 1: Novel Developments in Nano/Micro Fabrication Methods and Processes
- Topic 2: Fabrication and Integration of Micro/Nano Structures, Devices and Systems
- Topic 3: Micro/Nano Engineering for Physical and Chemical Applications
- Topic 4: Micro/Nano Engineering for the Life Sciences

The evaluation shall be done in **three phases**, involving both the abstract and the oral presentation.

The first phase is based on the assessment of the abstract reviewers and shall be considered as a pre-selection. The conference organizers will transfer to the Jury the full list of all abstracts engaged in the competition, together with their scores. The examiners, for each track, can then decide to down-select a smaller number of papers.

The second phase is done during the oral sessions and shall be based on criteria mentioned in the next section.

In the third phase, the evaluators of each topic will get together Thursday evening and decide on the ranking. The winner is identified.

Criteria

Phase 1

A certain number of oral presentations, for each topic shall be selected for phase 2, based on their score during the MNE abstract review process.

Phase 2

The evaluation during the oral session is done based on the presentation as such and on the interaction between the presenter and the audience. Each examiner independently prepares a ranking of the talks in his/her topic. While emphasizing **communication** and **graphical design**, the following 2 points should be considered, e.g. assessed by the listed, indicative questions:

1. **Technical quality**
 - a. Overall quality of the research.
 - b. Was the approach innovative?
 - c. Depth of the research topic.
 - d. How well did the student master the subject?
 - e. How important are the results to the research field?
2. **Presentation quality**
 - a. Clarity of the presentation.
 - b. How well did the student explain the importance of his work?
 - c. How did the student relate his research to that of others?
 - d. Was the presentation appealing and inspiring?
 - e. How well did the student answer questions?

Phase 3

At the end of Thursday, all examiners will meet, for each track. Based on the scores obtained during phase 2, the winners will be identified. The awardees will be communicated by Thursday 20:00, through email and/or phone call, that they are selected, reminding them to be present during the Friday morning ceremony.

Team of Examiners

A President will chair and manage the contest. For each track, two examiners (Jury) will be selected by the MNE program co-chairs and/or the President. These examiners must have proven an excellent track of records in a field related to their track and show enough seniority to be able to evaluate the talks according to the criteria mentioned above. The examiners names will be released publicly, before handing the prizes. The examiners can be part of the iMNEs, program co-chairs, MNE scientific committee (reviewers), MNE invited speakers, but this is not mandatory. An examiner cannot have any conflict of interest with talks participating in the competition, within his field of expertise (track).

President: *Massimo De Vittorio*

Track I: Novel Developments in Nano/Micro Fabrication Methods and Processes

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Track 2: Fabrication and Integration of Micro/Nano Structures, Devices and Systems

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Track 3: Micro/Nano Engineering for Physical and Chemical Applications

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Track 4: Micro/Nano Engineering for the Life Sciences

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