**IEEE Signal Processing Society**
**Student Services Committee**

**IEEE 5-Minute Video Clip Contest**

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After the success of past editions of the IEEE 5-Minute Video Clip Contest (5-MICC), the IEEE Signal Processing Society (SPS) is launching another edition of the IEEE 5-MICC at ICASSP 2023. The goal of the IEEE 5-MICC is to provide undergraduate students with an opportunity to form teams and work together to create video clips that highlight and convey excitement about signal processing in the broad sense - including fundamentals, image, video, audio, speech, communication, radar, language, knowledge, human and machine learning and other forms of information bearing data and signals.

Submitted videos will focus on a particular topic that will be selected among proposals received from IEEE SPS members and endorsed by one or more SP Technical Committees, with the expectation that the video promotes the field in a compelling and effective manner. The SPS Technical Committees (TCs) will vote on the submitted proposal to determine the selected contest topic. The video competition will also accept "open topic" video submissions, even if they are not related to the yearly selected topic. The rationale for this is to engage the broad Signal Processing community to come up with creative ideas. Open topic submissions will compete together with all yearly topic submissions.

Included in the following information are the proposed activities and the schedule for the organization of the 5-MICC, held in conjunction with ICASSP 2023.

**1.  5-MICC Topic Proposals from the SPS Technical Committees**

Open proposal submission: **14 November 2022**

Submission deadline (Proposals sent to TC for endorsement): **3 January 2023**

Submission deadline (TC submits endorsed proposals): **7 January 2023**

Each SPS Technical Committee (TC) can submit or endorse a proposal, which should include:

- Details of a challenging problem;
- Assessment criteria;
- Description of the required data to process;
- Organizers;
- Timeline;
- Other pertinent information.

**2.  Selection of the successful 5-MICC proposal**

TC Chairs vote by **11-17 January 2023**

Each TC Chair will be asked to evaluate and vote on each received proposal regarding the following criteria:

A. Overall quality of the proposal:
B. Originality of the topic:
C. Feasibility of the challenge;
D. Appropriateness for ICASSP;
E. Quality of the proposing team;
F. Technical Committee endorsement.

The vote will be coordinated by the Student Services Committee. Each TC Chair MUST vote for one proposal, but TC Chairs cannot vote for their own proposals. The proposal selection result will be announced on **20 January 2023**. The selected proposal organizers will be required to review and sign the IEEE Principles of Business Conduct Compliance Certificate and Conflict of Interest Disclosure Statement form.

By **31 January 2023,** the selected organizing team will develop a webpage dedicated to the competition for the IEEE 5-MICC held in conjunction with ICASSP 2023. All other details, including the data to be used in the challenge, a development platform, and evaluation criteria should also be available by **31 January 2023**.

3.  **Publicizing the Call for Participation of the 5-MICC**

Dates of circulation: **6 February 2023**

The Call for Participation will be publicized to the SPS Membership via email, SPS and ICASSP websites, and social media.

4.  **Submissions from Participating Teams** *(tentative dates, will be finalized by TC organizers)*

30-second trailers submission deadline (first phase): **3 March 2023** (suggested)
Announcement of the top 10 teams: **8 March 2023**
5-minute videos submission deadline (second phase): **7 April 2023** (suggested)

Each team must be composed of: (i) One faculty member (the Supervisor); (ii) At most one graduate student (the Tutor), and; (iii) At least 3 but no more than 10 undergraduates. **At least three of the undergraduate team members must be SPS student members**.

All the submissions of trailers (30 seconds) must be received by **3 March 2023**. Each submission should include a report, in the form of an IEEE conference paper, up to 2 pages, on the main idea / concept of the full video that will be submitted with the related written script. An evaluation committee, whose composition will be decided by the proposer of the selected topic, will evaluate the submissions. By 8 March 2023, the best 10 teams will be identified and will be invited to send the final 5-minute video to participate in the final competition by 7 April 2023.

5. Selection of the best 3 videos
Announcement of the 3 finalist videos: **7 April 2023** (suggested)
*Please Note: This deadline __cannot__ be extended after **14 April 2023** as teams need a minimum of 7 weeks to obtain visas and arrange travel, but more time is ideal. Inability to obtain visas can result in a team presenting remotely and a hybrid-style event, which is highly discouraged unless it is the only option.*

Three finalist teams will be selected by the judging panel and three student members per each team will be invited to the ICASSP conference by offering complimentary conference registration and travel grants. The three finalist videos will be preliminarily ranked by the organizing TC and marks will be associated with each video.

6.  **Final Competition at ICASSP 2023 in Greece**

Videos available on public voting platform:**1 May - 5 June**
Conference dates:  **4-9 June 2023**

The three finalist teams' 5-Minute videos will be available on ICASSP website at least one month before the conference and they will be voted by the conference participants until 2-days into the conference. All judging panel members must review, acknowledge, and sign the IEEE Principles of Business Conduct Compliance Certificate and Conflict of Interest Disclosure Statement form. Any conflict of interest concerns should be disclosed to the IEEE SP Cup organizer and SPS staff lead. The final ranking will be decided by the judging panel, also taking into account the popular vote.

Notification of the winning rankings is announced during the ICASSP conference.

A maximum of three members from each of the three finalist teams will receive travel support to attend ICASSP 2023 for the final competition. Additional team members are also welcome to attend, but they will not be provided with any travel support. In addition, those team members who will not be presenting a paper at the conference will be offered a complimentary ICASSP registration. The teams are required to present the technical details regarding how they solve the challenging problem and demonstrate their results at the IEEE SP Cup session.

**Budget:**

Each finalist team will receive one framed certificate and prize money for their final ranking, noted below. The awarded prize amount is typically divided equally among the team members. Each team may select three eligible undergraduate student team members to represent the team. Each team member will receive:

- Complimentary registration to ICASSP 2023
- Attendance to the Student Job Fair and Luncheon (registration required, based on available event capacity)
- In addition, up to the three undergraduate team members selected to represent the team are eligible to receive:
  - Travel support to attend the conference up to $1,200 for **continental** travel and $1,700 for **intercontinental** travel.
  - Invited to attend the Conference Banquet (based on availability)

The prizes offered to the three teams in the final competition are suggested to be as follows:

First place winner (Grand Prize):          $5,000

Second place winner (First Runner-up):     $2,500

Third place winner (Second Runner-up):     $1,500

**Contact point:**

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