

CAETS Communication Prizes 2022

Submissions Guidelines

The CAETS Communication Prizes recognise effective audiovisual communication to a general audience of how applied technology and engineering has been or can be used to address a real-world problem, and the resulting benefits to the economy or society.

The prizes are judged in a two-step process. Firstly, each CAETS member academy selects national winners for each prize. These national winners are then submitted to the international CAETS prizes, assessed by an international judging panel drawn from CAETS member academies. One international winner will be selected in each category.

Applications for international judging close

11:59pm GMT Thursday 30 June 2022.

Winners announced

The winners of the prizes will be announced at CAETS 2022 26–29 September in France.

Purpose of the prizes

Engineering Success Stories: Outstanding audiovisual communication of excellence and innovation in technological sciences or engineering. The winning entry will have clearly communicated the successful identification of and solution for a problem, with the outcome being of benefit to the economy or society, either nationally or internationally.

High Potential Innovations: Open to university/tertiary students or junior scientists/engineers with less than 10 years' work experience (allowing for career breaks), this prize recognises outstanding audiovisual communication of excellence and innovation in technological sciences or engineering. The winning entry will have successfully identified and validated an evidence-based solution that can be proven over time, with the outcome being of benefit to the economy or society, either nationally or internationally. Open to Fellows of member academies.

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Each member academy is to submit no more than two videos (one for each category), except where they are submitting entries from different genders. In this instance, a member academy may submit one male and one female entrant video for both categories.

Re-submissions (from previous years) will be accepted.

Member academies are also to submit a communications plan addressing how the academy itself will promote the prize, and the winning entry, in their own country and internationally.

Video prerequisites

Videos are to be submitted in MP4 format.

Videos must be submitted by a CAETS member Academy.

Videos must be five minutes in length or less. Entries over five minutes will not be considered.

Videos should contain the following content:

- A description of the problem being solved and its relevance to the real world, including how it is applied
- A clear and simple explanation of the technology, how it works and why it is novel
- For the **Engineering Success Stories** prize, the impact that the solution has already had (e.g. number of installations, users, customers etc.). The video must be submitted by, and feature the work of a Fellow of the member academy.
- For the **High Potential Innovations** prize, the solution must be credible and the potential impact of the solution should be evidence-based. The video must be endorsed and submitted by the member academy.
- Credits: names and affiliations of the researchers and developers, logo of their organisation, logo of the academy submitting the video (for international submission)
- CAETS strongly encourages videos to be produced in English, however videos in languages other than English will be accepted providing they have English subtitles.

How to submit

Member academies are to submit their entries (video and associated documentation – see below) to the CAETS Secretariat using a Dropbox or WeTransfer to caets.message@outlook.com by the due date. Alternatively, a link to online access (e.g. YouTube) may be provided.

Obligations of entrants

Entrants are to provide explicit written permission for the videos to be promoted internationally in traditional and social media, CAETS and its member academies' websites and other collateral. The videos may be used in whole or part at the discretion of CAETS and its member academies, and entrants are to waive their rights to compensation for the use of the material provided in the footage for marketing and promotional purposes.

Assessment criteria

Entries will be ranked against the following criteria:

1. The video is to be clearly targeted at a general non-technical audience with a focus on inspiring youth/student audiences.
2. Plain language intelligible to a general audience; the video must clearly explain why the problem is important before describing/demonstrating the nature of the solution.
3. Articulates an innovation that solves a meaningful problem using technology or engineering, with entrants for the **Engineering Success Stories** prize demonstrating the successful application of the solution and the **High Potential Innovations** prize demonstrating how the solution could be applied.
4. The work is credible and can be verified.
5. Supported by a clearly articulated and achievable communications plan (no more than two pages in length) devised by the submitting Academy and aimed at raising public awareness in member academies' countries.

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International Submissions Guidelines

Non-winners

Entrants who are not judged as a winner can be recognised in a new meritorious category. If you wish your video to be considered for showcasing on the CAETS website, please check the box below.

Submission documents

The following completed documentation is to be submitted with the video entry:

1. Completed entry form and declaration
2. For the **Engineering Success Stories**, confirmation of fellowship of the member academy
3. For the **High Potential Innovations**, confirmation of citizenship of or residency in the member academy's nation, and confirmation of 10 years or less in relevant employment (including a declaration regarding any career breaks)
4. Permission for CAETS and its member academies to promote and market all or part of video submission.
5. The member academy is to submit a communications plan addressing how the academy itself will promote the prize, and the winning entry, in their own country and internationally.

2021 winners

The 2021 winning entrants can be found at www.newcaets.org or below:

Engineering Success Story

Professor Jing Cheng, nominated by the Chinese Academy of Engineering

[You can see the video here](#)

<https://www.youtube.com/watch?v=WUo7IjkrJkw>

High Potential Innovation

Mr. Kaz Vermeer, nominated by the Netherlands Academy of Technology and Innovation

[You can see the video here](#)

<https://www.youtube.com/watch?v=7R-HQfTJDic>

Contact

CAETS Secretariat

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