

NCCR Robotics Award for most impactful publications and tools

Call for nominations

NCCR Robotics will award special recognition to the **publications** and **tools** that have made the largest impact over the entire history of the NCCR. There will be one or more awards per Grand Challenge, each awarded with a certificate and listing on the NCCR website.

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1. NCCR Robotics Most Impactful Paper Awards

NCCR Robotics will honor papers which were the most collaborative, representative, inspirational, or had the largest academic or industrial impact over the entire 12-year history of the NCCR Robotics program.

NCCR Robotics Members: Have you considered a highly cited and collaboratively authored NCCR Robotics paper particularly significant? Then please nominate the paper for a NCCR Robotics paper award. There will be one or more awards per Grand Challenge, **each awarded with award certificates and listing on the NCCR Robotics website.**

The awards will be announced at the NCCR Robotics final event: Swiss Robotics Day 2022 in November 2022.

Requirements for consideration

1. Each NCCR Robotics lab may submit a maximum of three nominations to this call.
2. Paper must be published. Conference or journal papers; no abstracts, no preprints or submissions.
3. Paper must acknowledge NCCR Robotics funding.
4. Paper must be listed on the <https://nccr-robotics.ch/research/publications/>.
5. If this paper is not listed there please send the information about the paper (as for other papers listed there) to publications-and-data@nccr-robotics.ch.
6. **NCCR-funded** PhD students or postdocs must have contributed significantly to the paper.
7. Self-nominations are accepted.

Submission process

The deadline for submission is **15 September 2022**.

1. Send a PDF version of the paper by email to (education@nccr-robotics.ch) by September 15th, 2022, 12:00 CET, with the subject line "NCCR Robotics Collaborative Paper Awards".
2. In your email, include the following information:
 - a) The citation info of the paper, including DOI or conference link, e.g. [Zhu, Alex, Liangzhe Yuan, Kenneth Chaney, and Kostas Daniilidis. 2018. "EV-FlowNet: Self-Supervised Optical Flow Estimation for Event-Based Cameras." In *Robotics: Science and Systems XIV*. Vol. 14. <http://www.roboticsproceedings.org/rss14/p62.html>.](#)
 - b) Link/URL to the paper (can be part of citation)
 - c) Your NCCR Robotics group leader, institute/group, and institution, e.g. "Delbruck/Sensors group/Inst. of Neuroinformatics/UZH-ETHZ"
 - d) Email for main point of contact
 - e) URLs to any videos
 - f) Other recognition of the paper, e.g. technical society awards, public news, use of and sales figures for commercial product
3. The paper might not be considered if you fail to include the above information

Criteria that the committee will use for selection

The submitted papers are evaluated by the Education & Society Committee and the Steering Committee considering the following criteria:

1. Collaboration among NCCR Robotics groups or with external partners from other labs.
2. Citation rate relative to other publications in the field (widely cited review papers will be considered but the citation count will be weighted accordingly, since reviews are generally more cited than original research)
3. Impact factor of venue - will be judged based relative to other venues in the field.
4. Technical society awards, e.g. paper honors.
5. Use of the device or technology in commercial product(s) and sales of this/these product(s).
6. Other recognition of the work.

2. NCCR Robotics Tool Awards

Has your lab developed a useful tool that you believe might deserve special recognition?

NCCR Robotics will honor the open software, hardware, and datasets with the largest impact over the entire history of the NCCR.

There will be one or more tool awards per Grand Challenge, **each awarded with a certificate and listing on the NCCR Robotics website.**

The awards will be announced at the NCCR Robotics final event: Swiss Robotics Day 2022 in November.

Requirements for consideration

- Any researcher from the NCCR Robotics may apply.
- Each NCCR Robotics lab may submit a maximum of two applications to this call.
- Each tool must acknowledge NCCR Robotics support on their project landing page.
- Each tool must be listed on the [NCCR Robotics page](#).
- If your tool is not listed there, please send the information about the paper (as for other papers listed there) to publications-and-data@nccr-robotics.ch.
- The NCCR-funded lab must have contributed significantly to the project and can present it cogently to the public.
- The applicants declare when submitting that the information contained in their application is correct and complete.

Submission process

The deadline for submission is **15 September 2022**.

1. Tool award submissions should be sent to education@nccr-robotics.ch by September 15th, 2022, 12:00 CET, with subject "NCCR Robotics Tool Award"
2. The submission should include the following information
 - I. Title of tool.
 - II. Type of submission, Open source dataset | software | hardware | other(specify). Please specify all applicable terms.

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- III. URL link(s).
 - IV. Applicants (Submitter's name, lab, PI)
 - V. Main point of contact email
 - VI. List of all contributors who significantly helped produce the tool.
 - VII. Abstract (max. 250 words, may contain links) which includes the following information
 - a) Description of the dataset/software/research scripts
 - b) Research background; main current scientific issues the software is supporting.
 - c) Main results and impact of the tool on the research community and the expected impact on society.
 - d) Audience and users: Who uses or will use this tool? Quantify where possible. Repository activity (e.g. forks/downloads)
 - e) Use in commercial product(s) with sales figures if available.
 - VIII. Includes tutorial(s)?
 - IX. Has a user forum and issue tracker?

Criteria that the committee will use for selection

Entries will be evaluated by the NCCR Robotics Education/KTT Committee.

Criteria for awards include

1. Citation rate, i.e. use by the research community.
2. Download and fork activity, i.e. use by the research community.
3. Number of independent contributors and contributing organizations, i.e. uptake as community effort.
4. Commercial impact, e.g. documented use for commercial products, with sales figures.

Contact

For any questions, please contact education@nccr-robotics.ch