

Visual Signal Processing and Communications Rising Star Program

Revised October 2024

1. Goal

The Visual Signal Processing and Communications (VSPC) Rising Star Program was established in 2023 by the IEEE CAS Society VSPC Technical Committee (TC) to yearly recognize with an award expert(s) in emerging domains of visual signal processing and communications for his/her accomplishments and vision.

The Visual Signal Processing and Communications Rising Star Award will be presented annually at the IEEE Visual Communications and Image Processing (VCIP) conference where the selected candidates will be invited (with registration fees waived) to make a VSPC Rising Star talk, not shorter than 30 minutes (precise time to be set by the VCIP Organizing Committee), on their accomplishments and vision, and speak with VCIP attendees about the future of visual signal processing and communications research and applications. From the selected award candidates, one winner will finally get the award. In exceptional circumstances, there may be two winners at the same level.

2. Nomination Process

The VSPC TC will make a Call for VSPC Rising Star nominations, which should be sent to the VSPC TC Chair and Secretary.

The VSPC Rising Star Award is given to a visual signal processing and communications expert under the age of 40 at the time of the nomination submission deadline.

The candidates must be nominated by **at least two IEEE Fellows** with relevant impact in the field of visual signal processing and communications, and the candidates should have published more than three papers in IEEE T-CSVT, JETCAS, ISCAS, and VCIP in the five years before.

The nomination materials shall include

- **(Mandatory) 3-page cv describing the candidate and his/her most relevant achievements** (no long cv is requested), notably addressing the assessment criteria below and demonstrating the achievements are in the field of visual signal processing and communications;
- **(Mandatory)** At least two 1-page nomination letters by IEEE Fellows with relevant impact in the field of visual signal processing and communications;
- **(Optionally)** Endorsement letters by other key experts in visual signal processing and communications may be added, in a maximum of two.

3. Candidates Selection Process

The nominations will be reviewed by a Visual Signal Processing and Communications Rising Star Award Selection Committee formed by the VSPC TC Chair, the VSPC TC Secretary, the VSPC TC Award Subcommittee Chairs, and at least three IEEE Fellows who are or have been part of the VSPC TC.

The members of the Selection Committee cannot provide nomination or endorsement letters for any award candidate.

The Selection Committee IEEE Fellow members are designated every year by the VSPC TC Chair by the end of July. The Selection Committee will be chaired by the VSPC TC Award Subcommittee Chairs.

The Selection Committee will select **at most three and at least two** award candidates who will be invited to make a VSPC Rising Star talk at VCIP later in the year in the field of visual signal processing and communications.

The Rising Star Award may not be given in a specific year if the Selection Committee concludes that no nomination is up to the required level.

4. Winner(s) Evaluation Process

The rising star will be attributed to a single winner (or two under exceptional circumstances).

The winner(s) evaluation process is managed by the VSPC TC, which represents the diversity of topics in visual signal processing and communications following transparent procedures and criteria. In this process, multiple assessment criteria should be considered, including:

- a. Most relevant past academic and industrial achievements and publications in the field of visual signal processing and communications research and applications;
- b. Created and anticipated (academic and non-academic) impact of his/her work in the field of visual signal processing and communications research and applications;
- c. Professional service record;
- d. Contributions to the future evolution of visual signal processing and communications;
- e. Other pertinent accomplishments highlighted in the candidates' nomination materials;
- f. Impact and contribution to VSPC TC in terms of research and service;
- g. Topic of the VCIP VSPC Rising Star talk, notably its relevance in the field of visual signal processing and communications research and applications;
- h. Quality and impact of the VCIP VSPC Rising Star talk.

After the candidates' VSPC Rising Star talks at VCIP, which should ideally happen on the first day, an Evaluation Committee will select the winner(s) using a majority vote. The Evaluation Committee will be chaired by the VSPC TC Chair and formed by the VSPC TC Secretary, the VSPC TC Award Subcommittee Chairs, the VCIP General and Technical Program Committee Chairs (only those present at VCIP) and the VSPC TC members present at VCIP. If the nominee is a VSPC TC member, he/she cannot be a member of the Evaluation Committee.

The IEEE CAS Society and the VCIP Organizing Committee will present a certificate to the Visual Signal Processing and Communications Rising Star winner(s) at the VCIP Awards Ceremony.

5. Important Dates

- **July 10** Call for Nominations issued by the VSPC TC
- **July 31** Appointment of the Rising Star Selection Committee
- **Aug. 30** Deadline for nominations submission
- **Sep. 30** Selection of rising star candidates by the Selection Committee
- **Oct. 1** Invitation to the rising star award selected candidates to give a Rising Star talk at VCIP (this date may be critical for visa requests)
- **VCIP** Rising Star candidates' talks at VCIP
- **VCIP** Selection of winner(s) by the Evaluation Committee
- **VCIP** VCIP Awards Ceremony

Visual Signal Processing and Communications Rising Star Award Candidate Submission Form

- Candidate name: _____
- Candidate affiliation: _____
- Candidate webpage address: _____
- Candidate birth date: _____
- Candidate university and year of PhD: _____

Four most recent TCSVT, JETCAS, ISCAS and VCIP publications from the past five years:

- Nominator 1 name and affiliation (IEEE Fellow): _____
- Nominator 2 name and affiliation (IEEE Fellow): _____
- Endorser 1 name and affiliation (optional): _____
- Endorser 2 name and affiliation (optional): _____

If selected to give a Rising Star talk at VCIP, I commit to make this talk.

Date: _____

Candidate Signature: _____