

# **Visual Signal Processing and Communications Rising Star**

*June 2023*

## **1. Goal**

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

The Visual Signal Processing and Communications Rising Star will be presented annually at the 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, 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 by 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 a 2-page document describing the candidate and his/her achievements as well as at least two 1-page endorsement letters by IEEE Fellows with relevant impact in the field of visual signal processing and communications.

## **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 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.

The rising star 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 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 criteria will be considered, including:

- a. Past academic and industrial achievements and publications;
- b. Created and anticipated (academic and non-academic) impact of his/her work;
- 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. Quality 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 and the VSPC TC members present at VCIP. If the nominee is a VSPC TC member, he/she is not eligible to vote.

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 candidates to give a Rising Star talk at VCIP
- **VCIP** Rising Star candidates' talks at VCIP
- **VCIP** Selection of winner(s) by the Evaluation Committee
- **VCIP** Ceremony