

## A WEEK FOCUSED ON COLOR

Join us for a week of color-related courses, workshops, paper presentations, exhibits, and interesting conversations around technical topics and application areas related to color!

This year we will hold two tracks of short courses on Monday, four tracks on Tuesday until mid-afternoon, followed by workshops, then three full days of keynote talks and technical papers.

Get your submissions ready, consider sharing your expertise through a short course or workshop, help us get the word out, and prepare for a great week in Vancouver! We're looking forward to seeing you and enjoying an excellent conference together.

## CIC26 CONFERENCE COMMITTEE

### General Chair

**Marius Pedersen**

Norwegian University of Science and Technology (Norway)

### Technical Program Chairs

**Nicolas Bonnier**

Apple Inc. (USA)

**Maria Vanrell**

Universitat Autònoma de Barcelona (Spain)

### Short Course Chairs

**Peter Morovic**

HP Inc. (Spain)

**Christine Fernandez-Maloigne**

University of Poitiers (France)

### Workshop Chairs

**Rafael Huertas**

Universidad de Granada (Spain)

**Jean-Baptiste Thomas**

Norwegian University of Science and Technology (Norway)

### Interactive Paper Chairs

**Javier Vazquez-Corral**

Universitat Pompeu Fabra (Spain)

**Youngshin Kwak**

Ulsan National Institute of Science and Technology (Korea)

### CIC26 JIST-first Associate Editor

**Mathieu Hebert**

Université Jean Monnet de Saint Etienne (France)

**Norimichi Tsumura**

Chiba University (Japan)

### CIC Steering Committee

**Nicolas Bonnier**

Apple Inc. (USA)

**Graham Finlayson**

University of East Anglia (UK)

**Suzanne Grinnan**

IS&T (USA)

**Michael J. Murdoch**

Rochester Institute of Technology (USA)

**Marius Pedersen**

Norwegian University of Science and Technology (Norway)

**Maria Vanrell**

Universitat Autònoma de Barcelona (Spain)

**Join us on LinkedIn!  
Search for "Color and Imaging Conference"**

## IMPORTANT CONFERENCE INFORMATION

- **Best Paper Awards:** The following awards are given at CIC:
  - Best Student Paper Award
  - Best Paper Award
  - Cactus Award for Best Interactive Paper
- **Workshops:** Unlike past years where CIC workshops were held the Friday morning of the conference, CIC26 workshops will take place the afternoon of Tuesday, November 13, from 15:30 to 18:00. Please plan to attend these complementary additions to the program. More information is found under the list of conference and workshop topics (see reverse side).
- **Short Courses:** The conference offers an extensive array of classes taught by world-renowned experts, including the one-day intensive *Color, Vision, and Basic Colorimetry*. If you are interested in teaching a class on Monday or Tuesday, November 12 or 13, please contact [color@imaging.org](mailto:color@imaging.org).
- **Demonstration Session:** Authors are invited to participate in the demonstration session where they showcase software, hardware, samples of materials produced, etc. related to their oral or interactive paper topic(s).
- **CIC Exhibit/Sponsorship:** The CIC Exhibit, held Wednesday and Thursday, November 14 -15, provides an opportunity to highlight your company to an audience of world-class color systems experts. Sponsorship increases awareness of your company. A number of exhibition configuration and/or sponsorship opportunities have been arranged. Contact Donna Smith ([dsmith@imaging.org](mailto:dsmith@imaging.org)) for details.
- **Release of Preliminary Conference Program:** Summer 2018.
- **Lodging:** Details will be released in early 2018; check the conference website for the latest information.
- **Travel:** Vancouver International Airport (YVR) offers non-stop flights to/from Amsterdam, Beijing, Chicago, Frankfurt, London, Paris, Seoul, Sydney, Taipei, Tokyo, and many US and other cities. More info: [www.yvr.ca](http://www.yvr.ca)



Society for Imaging Science and Technology  
7003 Kilworth Lane  
Springfield, VA 22151  
703/642-9090; 703/642-9094 fax



**Twenty-sixth Color and Imaging Conference** Color Science and Engineering Systems, Technologies, and Applications

**November 12-16, 2018**  
**Vancouver, BC, Canada**

**Submission Deadline:**  
**April 15, 2018**

**Accepted Papers Deadline:**  
**September 7, 2018**

[www.imaging.org/color](http://www.imaging.org/color)

**Sponsored by**  
Society for Imaging Science and Technology

### Cooperating Societies

+ Comité de Color + European Optical Society (EOS) + The Finnish Color Association + Forum Farge + The French Color Imaging Group + German Society of Color Science and Application (DfWG) + GI Fachbereich Graphische Datenverarbeitung + Gruppo del Colore-Associazione Italiana Colore + Imaging Society of Japan (ISJ) + IOP Printing and Graphics Science Group + Inter-Society Color Council (ISCC) + NOBIM (Norwegian Association for Image Processing and Pattern Recognition) + Swedish Colour Centre Foundation + The Colour Group (Great Britain) + The Royal Photographic Society of Great Britain/Imaging Science Group +

CALL FOR PARTICIPATION

## CIC26 CONFERENCE AND WORKSHOP TOPICS

Technical papers are invited in, but not limited to, the following:

- **Color Perception:** Visual adaptation, visual psychophysics, color blindness, inter-observer differences, salience and attention, psychological effects of color, spatial and temporal color vision, color semiotics, color harmony, memory color, animal color vision
- **Capture and Display:** Image capture, color imaging sensing, multi-modal capture, multi-primary displays, mobile color imaging, special effects color printing, multi-ink printing, high dynamic range (HDR) color imaging, pseudo-color and data visualization, color imaging workflows
- **Material Appearance and Color:** Material capture, appearance reproduction, and modeling (gloss, translucence, etc.), color 3D printing, color in 3D, 3D CAD modeling, 3D scanning, spatial color models, computer generated imagery (CGI)
- **Color in Illumination and Lighting:** Color rendering, color mixing, light projection, metamerism, multi-illumination imaging, atmosphere, quality of light
- **Color Theory:** Color science, colorimetry, uniform color spaces, expanded color spaces, color difference, color appearance models, color constancy, color modeling, color distribution in the universe, color and psychophysics
- **Image Quality:** Image quality, color image processing, color gamut mapping, computational imaging, color difference metrics, color preference, color fidelity
- **Multispectral Imaging:** Spectral image capture, processing and analysis, spectral image quality, spectral image visualization, display and reproduction, spectral optimization of imaging systems, spectral image applications

- **Specific Color Applications:** Color in cinema, broadcast video, AR/VR, user interfaces, computer graphics, computer vision, video games, medical and dental imaging, biomedical prosthetics, security applications, camouflage, automotive applications, paints, coatings, nano-materials

### CIC26 CALL FOR WORKSHOPS

CIC26 workshops will take place the afternoon of Tuesday, November 13 and are scheduled for 2.5 hours.

Submissions for workshop topics should be sent to [color@imaging.org](mailto:color@imaging.org). Please put "CIC26 Workshop Proposal" and your last name in the subject line. Topics should be of timely interest and might include subjects related to AR/VR/MR (augmented, virtual, and mixed reality); temporal color perception; material appearance; 360° capture; gaming; cinema; cultural heritage applications; medical applications; or machine learning, for example.

Please include a general description of the topic to be covered, the format of the workshop (*i.e.*, short papers; panel discussion; hands-on; etc.), and list of confirmed or potential speakers/moderators.

**Workshop proposals are due April 15, 2018.**

## HOW TO SUBMIT / NOTE JOURNAL OPTION

Authors have the option to submit either a traditional conference paper, which will be published in the proceedings only, or a paper that will also appear in either the *Journal of Imaging Science and Technology (JIST)* or the online Open Access Journal of Perceptual Imaging (JPI).

### How to Submit Conference Proceedings Papers

Original work on relevant topics will be considered by the CIC Review Committee when submitted in the form of a 4-6 page draft paper by **April 15, 2018**.

Submit papers via  
[www.imaging.org/color](http://www.imaging.org/color)

Papers should represent unpublished work, provide a clear indication of originality, contain at least preliminary results, and include references to prior work.

A double-blind review process is used to select papers based on **criteria including technical soundness and novelty**. Final decisions on acceptance and presentation format (oral or interactive paper) are at the discretion of the Technical Program Committee. Notices of acceptance will be sent out in late June. Upon acceptance, instructions are provided for the preparation of the full paper, which is published in the conference proceedings.

**Final papers are due September 7, 2018.** Direct submission inquiries to Karen Braun ([color@imaging.org](mailto:color@imaging.org)).

### How to submit a Journal (JIST-first/JPI-first) Paper

Journal papers differ from conference papers in that they meet the standards of a peer-reviewed journal in terms of scope, originality, relevance of topic, completeness of background and references to prior work, completeness of results and discussion, and quality of language. Refer to the JPI or JIST *Author Guidelines and Information* via [www.imaging.org/color](http://www.imaging.org/color).

Complete JIST or JPI CIC26 2018 papers are due by **April 15, 2018** and are fast-tracked for review. Accepted papers are published in the journal, appear in the CIC proceedings as reprints, and are presented at CIC within the technical papers program. Decisions and requests for revision, if required, will be sent to authors by the end of June. Revisions of provisionally accepted papers are due within 10 days following the decision letter. Upon acceptance of papers, first authors will register for CIC, per individual journal requirements. Rejected papers will be reviewed for possible inclusion in CIC using the conference submission criteria.

Submit JIST-first papers via [jist.msubmit.com](mailto:jist.msubmit.com)  
Submit JPI-first papers via [jpi@imaging.org](mailto:jpi@imaging.org)

## THE VENUE: VANCOUVER, BC, CANADA

Located downtown, in Vancouver's Coal Harbour neighborhood, the Pinnacle Harbourfront Hotel ([www.pinnacle-harbourfronthotel.com/](http://www.pinnacle-harbourfronthotel.com/)) hosts CIC26. Rates are CA\$189 single/double.

A bustling west coast seaport in British Columbia, Vancouver is among Canada's most ethnically diverse cities, known for its vast array of dining options. A popular filming location, it's surrounded by mountains, offering breathtaking views of land and sea. The city has a thriving arts scene with the Vancouver Art Gallery known for its works by regional artists and the Museum of Anthropology housing preeminent First Nations collections. Visits to Gastown, Stanley Park, and Granville Island complete a visit. The average temperature in November is 6°C/43°F, with rain to be expected. For more information on Vancouver, visit [www.tourismvancouver.com](http://www.tourismvancouver.com).