

The Conference

We are delighted to invite you to the 17th annual Color Imaging Conference (CIC) in Albuquerque, NM, November 9–13, 2009. Co-sponsored by IS&T and SID, CIC is the premier venue for sharing cutting-edge research in the areas of color perception, color theory, image capture, display systems, printing, and color workflow.

The conference committee is constantly seeking to bring new topics to CIC and this year we would like to initiate a discussion in the area of lighting. High intensity visible LEDs have started to penetrate general and indoor lighting applications. Light generated by LED lamps is spectrally very different from conventional lighting. A variety of different color LEDs may be incorporated within one lamp, allowing ambient color variation and even simple image projection. CIC is seeking papers in topics related to this area, such as the use of lights of different colors for creating atmosphere, the impact of lighting color on feelings, the perception of objects under such light sources, and other topics.

Join us for this single-track conference renowned for its high-quality, peer-reviewed presentations, where you will connect with color experts from around the world. Conference participants come from both industry and academia, and have varied backgrounds and research areas. The mixture of presentations and informal networking during the conference provides exposure to new ideas and ample opportunity for exchange of views.

Two days of short courses cover a myriad of topics for the beginner, the practitioner, and the veteran. Another popular feature of the conference is the interactive session where attendees directly engage the authors about their research and view their often-colorful and visual results close-up.

We're planning several stimulating keynotes and plenty of opportunities to network with colleagues and peers, including a conference reception at the nearby Albuquerque Museum of Art.

Mark your calendars and please join us in sunny Albuquerque for CIC17!

—Karen Braun and Moshe Ben Chorin

General Chairs CIC17

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Seventeenth Color Imaging Conference

Color Science and Engineering
Systems, Technologies, and Applications

November 9–13, 2009
Albuquerque, NM

**Abstract Deadline:
April 8, 2009**

www.imaging.org/conferences/CIC17

Sponsored by

Society for Imaging Science and Technology and
Society for Information Display

Cooperating Societies

Inter-Society Color Council (ISCC)
Imaging Society of Japan (ISJ)
Royal Photographic Society of Great Britain (RPS)
Society of Motion Picture and Television Engineers (SMPTE)
Society of Photographic Science and Technology of Japan (SPSTJ)

CALL FOR PARTICIPATION

TECHNICAL PAPERS ARE INVITED IN, BUT NOT LIMITED TO, THE FOLLOWING AREAS:

- **Color Theory:** Color and psychophysics, psychological effects of color, color preference, color feeling, color and immersion, spatial and temporal color vision, spectral color, color science, colorimetry, uniform color spaces, expanded color spaces, color difference, color appearance models, color constancy, animal color vision, modeling color distribution in the universe, appearance effects beyond color
- **Color in Devices:** Novel color imaging sensing, color in high-dynamic range imaging, multi-band images, color scanners, new technology for color displays, color in mobile displays, special effects color printing, multi-ink printing, effects of diverse print media on color, color gamut mapping, color in micro-projectors, multi-primary displays, spatio-temporal color displays
- **Color in Systems:** Color image processing of video and still images, color from capture to display/hardcopy, influence of color processing on perceived color, high-dynamic color image processing, spectral color processing, pseudo-color and data visualization
- **Color in Illumination:** Color mixing, pixilated lamps, light projection, low resolution color image rendering, color image projection on curved surfaces, multi-primary color reproduction, color rendering on colored surfaces, multi-illumination imaging, capturing reflectance spectra of surfaces, metamerism, atmosphere creation
- **Specific Color Applications:** Color in medical imaging, color in computer vision, color in food, color in human computer interaction, color in user interfaces, color in security applications, color in 3D imaging, displays, visualization and projection

How to Submit

Original work on a relevant topic will be considered by the Technical Program Committee when submitted in the form of a draft paper (2,000–3,500 words, including 750 words on results) by **April 8, 2009**. Papers should represent unpublished work, provide a clear indication of originality, contain at least preliminary results, and include references to prior work. Electronic submissions via the IS&T website are preferred. Those without web access may e-mail their submission to CIC17@imaging.org, along with the following information:

- Primary author's complete mailing address, phone, fax, and e-mail
- Preference for oral or interactive presentation
- List of key words and a classification of the paper content as in the suggested topics
- Short (75-word max) biographical sketch of primary author

- In the case of an interactive paper presentation, whether a computer will be used
- A double-blind review process will be used to select papers. *Papers will be selected on the criteria of technical soundness, novelty, and relevance to the color imaging community.* Final decisions on acceptance and presentation format (interactive or oral) are at the discretion of the Technical Program Committee. Notices of acceptance will be sent out in early June. Upon acceptance, instructions will be provided for the preparation of the full paper, which will be published in the conference proceedings.

Final papers are due in electronic form by **September 20, 2009**. Direct all submission inquiries to Diana Gonzalez at 703/642-9090 x106 or CIC17@imaging.org. Further details can be found at www.imaging.org/conferences/CIC17.

THE VENUE: Albuquerque, NM

CIC17 will return to the lovely Hotel Albuquerque at Old Town (www.HotelABQ.com) in Albuquerque, New Mexico in 2009.

The hotel is located five miles from Albuquerque International Sunport and adjacent to the Old Town area of Albuquerque, filled with charming restaurants and shops. More information on the area can be found at www.oldtownalbuquerque.com. Information on how to make hotel reservations at the conference rate will be included in the preliminary program.

There are direct flights to Albuquerque from 28 US cities, including Newark, Baltimore, Atlanta, Dallas, Houston, Los Angeles, Oakland, and Seattle. Information on flights in/out of Albuquerque, as well as ground transportation, can be found at www.cabq.gov/airport/.

Short Course Instructors Sought

Once again, an international array of distinguished presenters will teach courses on color-related topics to CIC participants. Areas include medical imaging, color vision, appearance, image quality, and color imaging technologies, measurement, applications, and systems. Those interested in presenting courses should send proposals to the Short Course chairs, Erika Kanematsu and Steven Westland, as noted below. The schedule of classes will be published in the preliminary program.

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