The Conference

We are delighted to invite you to the 21st IS&T Color and Imaging Conference (CIC). CIC21 will be held in Albuquerque, New Mexico, November 4 – 8, 2013.

CIC is the premier venue for sharing novel, state-of-the-art research in the areas of color imaging, display systems, printing, color perception, mobile imaging, color workflows, and color measurement.

Because the applications of color research are fast evolving, the conference committee is constantly seeking to bring new topics to CIC, ones that reflect current and future research areas.

This year we would like to encourage submissions in the areas of smart lightning, such as LED illumination and color rendering, as well as “color in mobile environments,” for example color in mixed viewing environments and gaming.

Join us as an author or attendee for this highly regarded, peer-reviewed single-track conference that draws a true mixture of academic and industrial researchers, and offers unique networking and scientific opportunities to discuss ideas with peers and renowned experts from around the world.

In addition to an exciting technical program, CIC21 features two days of short courses taught by world-class specialists, three keynotes, and an evening lecture.

Mark your calendars now for CIC21 and see you soon in Albuquerque, New Mexico!

—Clément Fredembach, CIC21 General Chair

How to Submit

Original work on a relevant topic will be considered by the Review Committee when submitted in the form of a 4-6 page draft paper by April 7, 2013.

Submit papers to:
www.imaging.org/IST/newpapers/CIC21/authors

Author templates:
www.imaging.org/ist/conferences/guide_author

Papers should represent unpublished work, provide a clear indication of originality, contain at least preliminary results, and include references to prior work. Electronic submissions as noted above are preferred. If you cannot submit your paper electronically, contact papers@imaging.org.

A double-blind review process will be used to select papers based on criteria including technical soundness and novelty. Final decisions on acceptance and presentation format (oral or interactive) are at the discretion of the Technical Program Chairs.

Notices of acceptance will be sent out in June. Upon acceptance, instructions are provided for the preparation of the final paper, which is published in the conference proceedings.

Final papers are due September 3, 2013. Direct all submission inquiries to Jenny O’Brien at +1-703-642-9090 x101 or papers@imaging.org. Visit www.imaging.org/IST/conferences/CIC/index.cfm for further details.

Please note: Awards will be given out at the conference for Distinguished Paper, Best Student Paper, and Best Interactive Paper (the Cactus Award).

Note: All papers printed in the conference proceedings are submitted for copyright to the Library of Congress, and indexed with Elsevier Engineering Information, Inc. (previously COMPENDEX), Institution of Engineering and Technology (previously INSPEC), Pira International, National Archive Publishing Co. (previously ProQuest and University Microfilms Int’l), and Thomson Reuters (previously Institute for Scientific Information and Thomson Scientific).
CIC21 CONFERENCE TOPICS

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

- **Color in Illumination**: Color mixing, light projection, multi-illumination imaging, metamerism, atmosphere creation
- **Image Quality**: Color rendering, color difference metrics, image quality metrics, spatial color, visual psychophysics, color preference, memory color, color fidelity
- **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
- **Color Perception**: Visual salience, object recognition, visual attention, psychological effects of color, color perception, color blindness, spatial and temporal color vision, color semantics, color harmony, animal color vision
- **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
- **Color in Devices**: Color scanners, color imaging sensing, multi-primary displays, mobile color imaging, special effects color printing, multi-ink printing, color gamut mapping, color image processing, computational photography, color in video broadcasting, high-dynamic-range (HDR) color imaging, pseudo-color and data visualization, color imaging workflow
- **Color Applications**: Color in cinema, color in 3D, color in broadcast video, color in computer graphics, color in video games, color in user interfaces, color in medical imaging, color in dental imaging, color in biomedical prosthetics, color in security applications, color in camouflage
- **Material Appearance**: Appearance capture, material appearance modeling, computer generated imagery (CGI), material-appearance difference metrics, texture, spatial color models, color in automotive applications, color from paints, coatings and nano-materials

Short Course Instructors Sought

Once again, an international array of distinguished presenters will teach courses on color-related topics at CIC21. Areas include medical imaging, color vision, appearance, image quality, and color imaging technologies, measurement, applications, and systems. Those interested in presenting a course should send a proposal to the Short Course Chairs at

- Alex Forsythe <aforsythe@oscars.org>
- Jeremie Gerhardt <jeremie.gerhardt@gmail.com>

The schedule of classes will be published in the preliminary program.

THE VENUE: Albuquerque, NM

CIC21 returns to the lovely Hotel Albuquerque at Old Town (www.HotelABQ.com) in Albuquerque, New Mexico. Information on how to make hotel reservations at the conference rate will be included in the preliminary program.

The hotel is conveniently located five miles (a 15-minute drive) from Albuquerque International Sunport airport. Historic Old Town Albuquerque is immediately accessible out the back doors of the hotel. There you will encounter a picturesque town square surrounded by restaurants, shops, and the Museum of Art and History.

For more information about Albuquerque and the surrounding area, including Santa Fe, please visit www.itsatrip.org and www.albuquerqueoldtown.com.

There are direct flights to Albuquerque International Sunport 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/.

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