

AIC e-news

electronic bulletin of the International Color Association – February 2007
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AIC website

All the AIC Newsletters from Nr. 1, 1984, including the last one, Nr. 20, 2006, have been uploaded in PDF format in the website. Take a look and download the Newsletters from www.aic-color.org. The website includes also a history of the AIC, information about the Study Groups, the Judd Award, links to all AIC regular members, the AIC Statutes and guidelines, and more. Please, include links to the AIC in your own websites and feel free to collaborate with relevant information and data to be added.

Past AIC meeting

Discover the photographs of the last AIC Interim Meeting held in Johannesburg, October 2006, at: http://www.colourgrouppsa.org.za/aic2006/aic_information.php. The photographer is Jerry le Roux & Associate. You can also download the proceedings of this meeting from the AIC website: www.aic-color.org

AIC Midterm Meeting 2007 in China

12-14 July 2007, Hangzhou, China
Organized by the Color Association of China

Theme: "Color science for industry"

Possible topics include: color and communication, color in imaging technology, color in textiles, color in printing, color in paint, color in displays (broadcast and computers), color measurement and instrumentation, applications of color science in industry.

Website: www.aic07.com. Contact: Prof. Guanrong Ye, ygr@moi-lab2.zju.edu.cn

The date of this meeting is coordinated with the 26th Session of the CIE, Commission Internationale de l'Éclairage, to be held from 4 to 11 July in Beijing. Within the AIC meeting in Hangzhou, an Assembly of the AIC will be conducted, and the AIC Judd Award 2007 will be presented.

Other future AIC meetings and congress

AIC 2008 "Color - effects and affects", Interim Meeting

15-18 June 2008, Stockholm, Sweden
Website: www.aic2008.org
Organizer: Swedish Colour Centre Foundation

AIC 2009, 11th Congress

27 September - 2 October 2009, Sydney, Australia
Website: www.aic2009.org
Organizer: Colour Society of Australia

Related meetings

International Conference on Colour Harmony

24-28 April 2007, Budapest, Hungary. The welcome reception will be on Monday, April 23. Registration fees before January 31, 2007: Participants 200 EUR, Students 100 EUR. The registration fee includes admission to all conference activities, coffee breaks, lunch, one copy of the proceedings CD and social event. There is a stimulating technical programme (online). For more information please contact

Ildiko Rozsovits, Secretary, via telephone or fax at +36-1-2202618 or e-mail: colour.harmony@t-online.hu. Website: <http://aic.kee.hu/colour-harmony>

Forthcoming events with participation of the International Commission on Optics (ICO)

For further information, see www.ico-optics.org/events.html

17-19 April 2007, International Workshop Technolaser 2007, Havana, Cuba.

Contact: Dr. J. R. Triana, tecnolaser@ceaden.edu.cu,
www.ceaden.cu/tecnolaser/index.asp

3-5 June 2007, Education and Training in Optics and Photonics (ETOP) 2007, Ottawa, Canada. Contact: Dr. Marc Nantel, marc.nantel@oce-ontario.org

9-11 July 2007, 3rd Asian and Pacific Rim Symposium on Biophotonics (APBP 2007), Cairns, Australia. Contact: Prof. Min Gu, mgu@swin.edu.au,
www.apbp2007.com

5-7 September 2007, International Conference on Optics and Laser Applications – ICOLA 2007, Yogyakarta, Indonesia. Contact: Dr. Sar Sardy, sardy@eng.ui.ac.id

11-14 September 2007, 8th International Conference on Correlation Optics, Chernivtsi, Ukraine. Contact: Prof. Oleg V. Angelsky, oleg@optical.chernovtsy.ua

8-12 October 2007, Advanced Infrared Technology and Applications International Workshop 2007 (AITA 9), León, Guanajuato, Mexico. Contact: Prof. Marija Strojnik, mstrojnik@aol.com, <http://ronchi.isti.cnr.it/AITA2007>

19-22 November 2007, ICO Topical Meeting 2007 on Optics and Laser Applications in Medicine and Environmental Monitoring for Sustainable Development, Cape Coast, Ghana. Contact: Prof. Paul Buah-Bassuah, buahbass@hotmail.com

7-11 July 2008, ICO-21, Triennial Congress of the International Commission for Optics, Darling Harbour, Sydney, Australia. Contact: Prof. John Love, jdl124@rsphysse.anu.edu.au

Color news from the Rochester Institute of Technology (RIT)

Open faculty position in Color Science

The RIT has an open faculty position in Color Science, to begin September 1, 2007. Details can be downloaded:

http://www.cis.rit.edu/files/RIT_CIS_Color_Faculty_Position.pdf

Ph.D. in Color Science

The New York State Board of Education has approved the proposal for a Ph.D. in Color Science. The RIT is accepting applications for the Fall academic year. This is the only Ph.D. in the United States in color science. Details can be downloaded: http://www.cis.rit.edu/files/Color_PhD_Program.pdf

Color science provides standards of measurement and quality control to make sure one batch of red iPods is the same shade as the next, that a can of kiwi-colored paint is as brilliant as the sample chip in the paint store, and that the print in your hand matches the digital image on your computer screen.

This fall, Rochester Institute of Technology will offer a new doctoral degree in color science, the only one of its kind in the United States. This specialized field blends physics, chemistry and visual perception, among other sciences, to quantify how the human eye perceives color —to translate color into scientific data.

“You look around and you see a chromatic world,” says Roy Berns, program coordinator and the Richard S. Hunter Professor of Color Science, Appearance and Technology at RIT. “We put numbers on those perceptions important for commerce as well as for using color as scientific data. We study how changes in the building blocks of color —such as lighting, materials and the observer— change those perceptions and change those numbers.”

A variety of industries depend on color science research, especially those that center around manufacturing colored products, printing, digital photography and cinema, computer graphics and animation, art conservation, and medical data visualization and diagnoses. Advances in technology that give us plasma displays, for instance, rely upon consistent color control to translate reds, greens and

blues from a signal to the screen and from one program, movie or commercial to the next. Color science provides a way to measure those interpretations to consistently produce the desired colors.

The doctorate in color science is an extension of the existing graduate program offered by RIT's Chester F. Carlson Center for Imaging Science. It is designed for students with undergraduate majors in physics, chemistry, mathematics, computer science, engineering, experimental psychology, and imaging, as well as textiles, graphic arts, animation, material science and polymer science.

Students will learn how to address problems in the measurement, production, formulation, reproduction and perception of color. The curriculum combines required courses in color science, elective courses, a research project during the second year of study and a dissertation.

"The main thing is that it will allow us to have a wider variety of students from more diverse educational backgrounds because it expands the range of research we can do with students," says Mark Fairchild, director of the Munsell Color Science Laboratory at RIT, a leading academic laboratory dedicated to color science education and research.

Berns adds: "The way we teach color science here has always been interdisciplinary. We're trying to foster that into the color science Ph.D. both from a student and a departmental perspective."

Applicants to the doctoral program in color science are being accepted for fall 2007. For more information, contact Roy Berns at berns@cis.rit.edu or 585-475-2230.

Ecole thématique interdisciplinaire: Nouveaux matériaux pour la couleur

26 au 30 Mars 2007, Ecole de Printemps, Roussillon, France

L'Ecole de Printemps de Roussillon en Provence vient d'être retenue pour la cinquième fois par le CNRS comme Ecole thématique interdisciplinaire sur la couleur des matériaux. Outre le CNRS, cette Ecole de Printemps est organisée par le Conservatoire des ocres et pigments appliqués (ôkhra), le GDR couleur et matériaux à effets visuels, l'Institut des Nanosciences de Paris (INSP), le Centre de Recherche et de Restauration des musées de France (C2RMF) et le Centre Français de la Couleur (CFC). Cette année, l'Ecole consacre une place importante au renouvellement de la science des matériaux de la couleur, aux frontières de la chimie, de la physique et de la biologie, aux matériaux "bio-inspirés" et à leurs applications potentielles. Ce programme prend la suite d'une succession de thèmes des Ecoles de Printemps à Roussillon: matière, lumière, perception (2000), aspects physiques: pigments (2001), aspects chimiques: colorants (2002), le métal (2003), les oxydes et composés métalliques (2004), couleur langage cognition (2005), lumière et couleur des matériaux (2006).

L'Ecole se tiendra à Roussillon du lundi 26 au vendredi 30 mars au Conservatoire des ocres et pigments appliqués. L'enseignement théorique, sous forme de cours et de débats, portera sur: introduction et pré-requis sur la couleur, colorimétrie et vision, effets intrinsèques et matériaux du futur, épistémologie et enjeux sociétaux, morphologie spécifique et matériaux du futur, matériaux de la couleur et monde du vivant. Il lui sera associé un enseignement pratique par des ateliers en groupes restreints. Afin de favoriser les échanges, intervenants et participants assisteront à la totalité de l'école. Des discussions sont prévues à la fin de chaque séance, aux soirées, aux ateliers pratiques pour permettre la rencontre, l'échange et la confrontation des problématiques entre les disciplines. Les intervenants en charge de cette Ecole thématique sont des chercheurs de haut niveau, pressentis par le comité scientifique. Ils présenteront, sous forme de cours, la synthèse des connaissances de leur domaine scientifique.

Public concerné: chercheurs, enseignants-chercheurs, universitaires, restaurateurs, professionnels et industriels. L'interdisciplinarité nécessaire sera assurée par la participation d'artistes et d'artisans.

Le programme et les résumés des interventions seront disponibles sur le site d'ôkhra ou du CFC: www.okhra.com ou www.cf-couleur.fr

En raison du calendrier très serré et du nombre de places limitées, nous vous remercions de remplir au plus vite la fiche de pré inscription et de la renvoyer à l'attention de Mylène Porte, ôkhra, par fax au 04 9005 6669 ou par mail à info@okhra.com **avant le 25 février 2007**, délai de rigueur.