

## CV Alain TREMEAU

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Academic Coordinator / Master Erasmus Mundus CIMET "Color in Informatics and Media Technology"

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### Education

1999 : Full Professor, Faculté des Sciences - Université Jean Monnet.

1998 : Habilitation à Diriger les Recherches.

1994: Assitant Professor, IUP Vision - Université Jean Monnet.

1993: PhD, Université Jean Monnet, Saint-Etienne (France).

1990 : DEA (Msc) in Informatics, speciality "Image", University of Saint Etienne

### Research activities

- ✚ Jan. 2009/2011: Partenariat Hubert Curien Picasso (program bilateral between France and Spain) on differences formula: supplementary test data based on virtual datasets and mathematical observations in cooperation with Prof. Manuel Melgosa and Raphael Huertas (Univ. of Granada).
- ✚ Sept. 2008/.. : Member of the Laboratoire Hubert Curien, UMR CNRS 5516 (120 staff members, including PhD students in the field of "Optics and Photonics" and "Computer Science and Image Processing", <http://portail.univ-st-etienne.fr/bienvenue/recherche/laboratoire-hubert-curien-ex-tsi-aurise-et-ligiv--26143.kjsp?RH=DSPT9>).
- ✚ Sept. 2008/.. : Head of the reasearch team "Color Content-Aware Image Processing" (6 staff members, 6 PhD students) of the Laboratoire Hubert Curien , UMR CNRS 5516.
- ✚ Sept. 2002/Sept. 2008: Head of the laboratoire LIGIV (Laboratoire d'Informatique et d'Ingénierie de la Vision, <http://www.ligiv.org>), EA 3070, a research laboratory of UJM specialised in "Computer Graphics, Vision Engineering and Color Imaging Science".
- ✚ 2007/.. Coordinator of the European master ERASMUS Mundus CIMET (Color in Informatics and Media Technology) ([www.master-erasmusmundus-color.eu/](http://www.master-erasmusmundus-color.eu/))
- ✚ 2001/2005 : Head of the GFINC (French Color Imaging Group) « Groupe Français de l'Imagerie Numérique Color ».
- ✚ 2001/2005 Representative for France of the CIE Division 8 "ImageTechnology"
- ✚ Chairman and Co-Chairman of many international conferences in the field of image processing and computational color imaging (IAPR-CCIW2009, IS&T-CGIV2010, GRAPP2008, IAPR-CCIW2007, ...).
- ✚ Reviewer of several PhD thesis in France or outside France (e.g. Gianluca Novati, Università di Milano-Bicocca, Italy, 2005, Oili Kohonen, University of Joensuu, Finland, 2007, Clara Plata Rios, University of Granada, 2009).
- ✚ Reviewer for several Professor positions in France or outside France (e.g. James Archibald 2008, Brigham Young University, USA).

### Five most relevant publications

1. Li-Chen Ou, M. Ronnier Luo, Pei-Li Sun, Neng-Chung Hu, Hung-Shing Chen, Shing-Sheng Guan, Andre e Woodcock, José Luis Caivano, Rafael Huertas, Alain Tréméau, Monica Billger, Hossein Izadan, Klaus Richter, A Cross-Cultural Comparison of Colour Emotion for Two-Colour Combinations, Color Research and Application, Color Research & Application. doi: 10.1002/col.20648, pp 1-21, 2011.
2. Y. Tong, F. A. Cheikh, F. F. Elahi Guraya, H. Konik, A. Tréméau, A Spatiotemporal Saliency Model for Video Surveillance, Cognitive Computation, 2011, Vol. 3, N°1, pp 241-263.
3. Y. Tong, H. Konik, F. Alaya Cheikh and A. Tremeau, Full Reference Image Quality Assessment Based on Saliency Map Analysis, Journal of Imaging Science and Technology, Vol. 54, N° 3, May/June 2010, pp. 030503-(14).
4. A. Tréméau and D. Muselet, Most recent trends in color image watermarking, Journal of Imaging Science and Technology, Jan./Feb. 2009. Vol. 53, N°1, pp 010201-1 010201-15.
5. A. Tréméau, S. Tominaga and K. Plataniotis, Color in Image and Video Processing: most recent trends and future research directions, EURASIP Journal on Image and Video Processing, Volume 2008, Article ID 581371, 26 pages, 2008.