ECOLE POLYTECHNIQUE

LIX Fall Colloquium *LIX*

Emerging Trends in Visual Computing

18-20 November 2008 (Tuesday-Thursday)

Palaiseau (Paris), France

Rationale

The colloquium focuses on the emerging *trends* and *challenges* of the foundations of the cross-disciplinary area of visual computing. Visual computing encompasses computational geometry, computer graphics, machine vision and learning (just to name a few), and relies at its very heart on *information geometry*. Visual computing is underpinning major industrial applications as attested recently by the emerging fields of computational photography, 3D cinematography and advanced biomedical imaging.

Venue

The conference will take place in the Grand Hall of École Polytechnique (Palaiseau, suburb of Paris) at the Gay Lussac auditorium.

Dedicated bus shuttle Paris (Denfert-Rochereau) ⇔ Ecole Polytechnique shall be available.
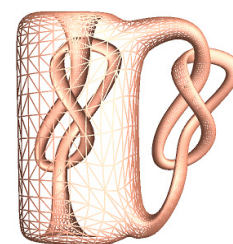
Registration

Registration is *free* up to the auditorium capacity

Register now at `http://www.lix.polytechnique.fr/Labo/Frank.Nielsen/ETVC08/`

Invited Speakers

- Shun-Ichi AMARI (Brain Science Institute, Japan)
- Tetsuo ASANO (Japan Advanced Institute of Science and Technology, Japan)
- Frédéric BARBARESCO (Thales Air Systems, France)
- Michel BARLAUD (I3S CNRS & Institut Universitaire de France)
- Jean-Daniel BOISSONNAT (INRIA, France)
- Frédo DURAND (MIT, USA)
- Markus GROSS (ETH Zurich, Switzerland)
- Xianfeng David GU (State University of New York, USA)
- Leonidas GUIBAS (Stanford University, USA)
- Sylvain LAZARD (LORIA, France)
- Stéphane MALLAT (Ecole Polytechnique, France)
- Hiroshi MATSUZOE (Nagoya Institute of Technology, Japan)
- Dimitris METAXAS (Rutgers University, USA)
- Frank NIELSEN (Ecole Polytechnique, France & Sony CSL., Japan)
- Richard NOCK (University of Antilles-Guyane, France)
- Nikos PARAGIOS (Ecole Centrale de Paris, France)
- Xavier PENNEC (INRIA, France)
- Ramesh RASKAR (MIT Media Lab, USA)
- Cordelia SCHMID (INRIA, France)
- Gabriel TAUBIN (Brown University, USA)
- Baba VEMURI (University of Florida, USA)
- Suresh VENKATASUBRAMANIAN (University of Utah, USA)
- Martin VETTERLI (EPFL, Switzerland)
- Jun ZHANG (University of Michigan, USA)

State-of-the-art book published by

Springer

Lecture Notes in Computer Science
LNCS LNAI LNBI

Web: `http://www.lix.polytechnique.fr/Labo/Frank.Nielsen/ETVC08/`

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