

ISBI 2008

Welcome

Bienvenue à ISBI'08. Welcome to ISBI'08. On behalf of the Organising Committee we are pleased to welcome you to the fifth edition of the IEEE International Symposium on Biomedical Imaging: From Nano to Macro. This is ISBI's first occurrence outside the USA and its first European hosting. It is a great pleasure for all of us that the first move is in Paris and hope you will return home with a handful of Parisian delights. Since its inception in 2002, the meeting has become the premier platform fostering interaction between researchers in the multidisciplinary fields of medical and biological imaging. ISBI'08 begins on the afternoon of Wednesday May 14, with tutorials by leading experts on key topics in biomedical imaging. The meeting formally opens on the morning of Thursday May 15 and consists of three days of plenary talks, invited special sessions, and contributed oral and poster sessions. We are especially delighted that Prs. Gaudenz Danuser, Matthias Fink and Denis LeBihan, three world-leaders in their areas will be giving plenary talks on very exciting topics at the frontier of biomedical imaging. Each day thereafter includes a series of three oral sessions interleaved by two poster sessions that take place in the large atrium of the conference centre. The diverse nature of research in biomedical imaging is clearly reflected in the program, including presentations on the physical, mathematical, and computational aspects of image formation, image processing, analysis, and visualization, in a great variety of molecular, cellular, anatomical and functional imaging applications. The social events of the meeting include a welcome reception on Wednesday evening at the Marriott Hotel and a gala reception on Friday evening at the Carnavalet Museum.

We would like to take this opportunity to thank all those involved in the planning and organization of the meeting. Elsa Angelini was outstanding at managing the intricate and demanding financial aspects of the meeting. Josiane Zerubia and Wiro Niessen organized an excellent set of invited special sessions and Christian Roux the plenaries. Michael Unser arranged the exciting tutorials that open the meeting. Vannary Meas-Yedid and Séverine Dubuisson did a fantastic job at finding the exquisite place where the gala banquet takes place and arranging local aspects. Jeff Fessler was instrumental in getting support from the NIH. Spencer Shorte and Nicholas Ayache were as efficient as ever to put up what is the great novelty of this year's edition of ISBI, the industrial exhibit that you will be able to visit in the atrium. We gratefully acknowledge the time and effort donated by the reviewers in insuring a high level of quality in selecting papers for inclusion in the program. Many thanks also to the staff of Conference Management Services, Inc. (CMS), in particular Lance Cotton, for his hands-on assistance in countless logistic matters, including online paper submission and reviewing, and preparation of the proceedings. We are thankful as well to the staff of Carte Blanche, in particular Frank Thabaud and Florence Panis, for their expert managing of registration and on-site matters. We thank all the student helpers you will see assisting you throughout the meeting. We thank Mercy Kowalczyk, Executive Director of the IEEE Signal Processing Society (SPS), Laura Wolf, Executive Director of the IEEE

Engineering in Medicine and Biology Society (EMBS), and Christine Nora, Treasurer of IEEE France Section, for their support, help and advice. Finally, we acknowledge the generous contributions of supporting agencies Conseil Régional d'Ile de France, Institut Télécom, Institut Carnot Pasteur MI, INRIA, CNRS and companies Carl Zeiss, Merck & Co, Leica Microsystems, Siemens Corporate Research, Andor Technology, Skyscan, FEI Company, Hamamatsu Photonics and Biophotonics. We also acknowledge the NIH and the Conseil Régional d'Ile de France who provided travel support grants for respectively US-based and France-based young research scientists, to attend and present their work.

This year, 732 contributed papers were submitted for review. Two reviewers rated each paper and provided comments to the authors for improvement. Of these submissions, 380 were accepted for presentation, or about 52%. There are 140 contributed papers for oral presentation and 240 for poster presentation. In addition to contributed papers, 36 invited papers will be presented in several special sessions. We thank all authors for choosing to submit their work to ISBI. All papers presented at the meeting are included in the CD-ROM proceedings and will be available online through the IEEE Xplore database.

Next year, the meeting will be back to its initial country but relocate to Boston to be chaired by W. Clem Karl, before retuning to Europe at Rotterdam in the Netherlands in 2010 under the lead of Wiro Niessen.

In the meanwhile, we wish you all an enjoyable ISBI in wonderful Paris in May.

Jean-Christophe Olivo-Marin
General Chair

Isabelle Bloch and Andrew Laine
Program Chairs

