



MICCAI

MICCAI 2007, the 10th International Conference on Medical Image Computing and Computer Assisted Intervention.

WHAT: MICCAI typically attracts over 600 world leading scientists, engineers and clinicians from a wide range of disciplines associated with medical imaging and computer assisted surgery.

WHEN: October 29 to November 2, 2007

WHERE: Brisbane, Australia

MORE INFO: <http://www.miccai2007.org/>

BIBM 2007—The IEEE International Conference on Bioinformatics and Biomedicine

WHAT: IEEE BIBM 2007 will provide a general forum for disseminating the latest research in bioinformatics and biomedicine. This multidisciplinary conference brings together academic and industrial scientists from computer science, biology, chemistry, medicine, mathematics and statistics. It will exchange research results and address open issues in all aspects of bioinformatics and biomedicine and provide a forum for the presentation of work in databases, algorithms, interfaces, visualization, modeling, simulation, ontology and other computational methods, as applied to life science problems, with emphasis on applications in high throughput data-rich areas in biology, biomedical engineering. IEEE BIBM 2007 intends to attract a balanced combination of computer scientists, biologists, biomedical engineers, chemists, data analyzers, and statisticians.

WHEN: November 2 to November 5, 2007

WHERE: Fremont, California

MORE INFO: <http://www.cis.drexel.edu/faculty/thu/bibm/index.php.htm>

2nd International Biocuration Meeting

WHAT: This meeting will provide a forum for curators and developers of biological databases to discuss their work, promote collaboration, and foster a sense of community in this very active and growing area of research. Participants from academia, government, and industry interested in the methods and tools employed in curation of biological data are encouraged to attend. Talks will be selected from poster submissions.

WHEN: October 25 to 28, 2007

WHERE: San Jose, California

MORE INFO: <http://tesuque.stanford.edu/biocurator.org/Mtg2007>

Search and Knowledge Building for Biological Datasets

WHAT: New biotechnologies and the accumulation of vast amounts of biological data have created a fertile ground for quantitative scientists. Issues of appropriate strategies for search, what to search for, and how to turn massive quantities of biological data into useful knowledge have moved to the forefront. Contributions from diverse areas such as combinatorics, graph and network theory, differential equations, machine learning, data mining, statistics and statistical physics have been used to create more powerful information search and knowledge management.

This workshop is intended as a convergence of quantitatively oriented researchers addressing these issues in their quest to answer important biological questions. It will provide an opportunity for researchers with quite different perspectives and interests to share their approaches with one another and cross-pollinate their ideas.

WHEN: November 26 to 30, 2007

WHERE: Institute for Pure and Applied Mathematics, University of California, Los Angeles

MORE INFO: <http://www.ipam.ucla.edu/programs/sews4/>