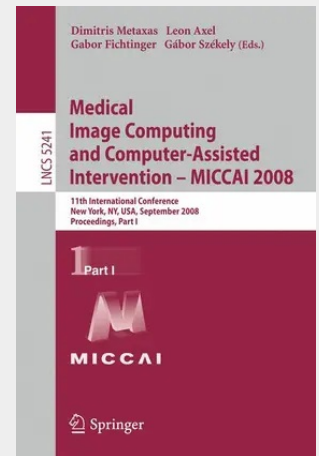


Medical Image Computing and Computer-Assisted Intervention - MICCAI 2008

11th International Conference, New York, NY, USA, September 6-10, 2008, Proceedings, Part I

The 11th International Conference on Medical Imaging and Computer Assisted Intervention, MICCAI 2008, was held at the Helen and Martin Kimmel Center of New York University, New York City, USA on September 6–10, 2008. MICCAI is the premier international conference in this domain, with in-depth papers on the multidisciplinary fields of biomedical image computing and analysis, computer assisted intervention and medical robotics. The conference brings together biological scientists, clinicians, computer scientists, engineers, mathematicians, physicists and other interested researchers and offers them a forum to exchange ideas in these exciting and rapidly growing fields. The conference is both very selective and very attractive: this year we received a record number of 700 submissions from 34 countries and 6 continents, from which 258 papers were selected for publication, which corresponds to a success rate of approximately 36%. Some interesting facts about the distribution of submitted and accepted papers are shown graphically at the end of this preface. The paper selection process this year was based on the following procedure, which included the introduction of several novelties over previous years. 1. A Program Committee (PC) of 49 members was recruited by the Program Chairs, to get the necessary body of expertise and geographical coverage. All PC members agreed in advance to participate in the final paper selection process. 2. Key words grouped in 7 categories were used to describe the content of the submissions and the expertise of the reviewers.

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