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[摘要] The International Symposium on Optimization and Systems Biology (OSB 2007), organized by Chinese Academy of Sciences, Shanghai University and University of Tokyo will be held in Beijing, China from August 7 to 9, 2007. The symposium is sponsored by National Natural Science Foundation of China (NSFC).

[关键词] Optimization-Systems Biology /Chinese Academy of Sciences

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Systems Biology and Bioinformatics have become intensive research topics in the recent past decade and attracted great many leading scientists working in Biology, Physics, Mathematics and Computer Science. Optimization, Statistics, and many other mathematical methods have been widely used in the field. The purpose of OSB 2007 is to provide an international forum for scientists, researchers, educators, and others in this interdisciplinary field, including optimization methods and its applications in biosciences and researches on various aspects of Systems Biology, such as integration of genome-wide microarray, proteomic, and metabolomic data, inference and comparison of biological networks, and model testing through design of experiments.

