

FIRST ANNOUNCEMENT

9th International Symposium on Generalized Convexity/Monotonicity

July 14-18, 2008 Summer School

July 21-25, 2008 GC9

Kaohsiung, Taiwan

Topics. Generalizations of convex functions have been introduced in various areas such as mathematical programming, economics, management science, engineering, stochastics and applied sciences. Likewise different kinds of generalized monotonicity have been proposed, for instance for variational inequalities and equilibrium problems. Such models are considerably more adaptable to describe real-world situations than their convex/monotone counterpart. A growing literature in this interdisciplinary field has appeared, including the proceedings of the eight preceding international symposia since 1980.

The Symposium is organized by the international Working Group on Generalized Convexity (www.genconv.org), a growing affiliation of applied mathematicians and other interdisciplinary researchers. The Symposium provides a forum to review the latest developments in the field.

Program Committee

S. Schaible (U.S.A.) (Chair); D. Aussel (France); R. Cambini (Italy); F. Flores-Bazan (Chile); N. Hadjisavvas (Greece); I.V. Konnov (Russia); D.T. Luc (France and Vietnam); T. Tanaka (Japan), J. C. Yao (Taiwan).

Organizing Committee

J. C. Yao (Taiwan) (Chair); L. J. Lin (Taiwan); Y. C. Liou (Taiwan); S. Schaible (U. S. A.); N. C. Wong (Taiwan); S. Y. Wu (Taiwan); H. K. Xu (Taiwan).

General Information The Symposium will take place in the College of Science, National Sun Yat-sen University, Kaohsiung. The city is located in Southern Taiwan. The campus surrounded by the sea and the mountains is quite unique and beautiful.

Registration. The Symposium fee is 300USD (200USD for young researchers under 30) for registration until March 31, 2008 and 400USD (250USD for young researchers) after this date.

The fee includes: transportation from and to the Kaohsiung International Airport for all those participants who will come at the beginning and leave at the end of the Symposium, a copy of the Proceedings, admission to all sessions, an excursion to the city, the banquet, selected meals. An effort will be made to cover the local expenses of a number of participants.

Deadlines.

Early registration: March 31, 2008

Late registration: May 31, 2008

Title and abstract of talks: May 31, 2008

Submission of manuscripts for publication in the Proceedings of the Conference: September 30, 2008.

Proceedings. A selection of refereed papers at the conference will appear in the *Taiwanese Journal of Mathematics*. TJM is an ISI journal with a respectable impact factor. Editor-in-Chief of TJM currently is Professor J. C. Yao, the local organizer of GC9. Professors I. Konnov, B. Mordukhovich and M. H. Shih have agreed to serve as guest editors of the Proceedings.

Social Events. Excursion, Banquet.

Summer School. The conference will be preceded by a Summer School. The Director of it is Professor D. T. Luc, University of Avignon (France).

Further Information. Additional information can be obtained by contacting Professor Ngai-Ching Wong (Organizing Committee) at Department of Applied Mathematics, National Sun Yat-sen University, Kaohsiung, Taiwan 804, ROC. (wong@math.nsysu.edu.tw) or by visiting the web page of the Symposium at www.math.nsysu.edu.tw/gcm9. A second announcement will provide further details about the Symposium. This information will also be posted on the web page.