

INTERNATIONAL CONFERENCE

ON

OPTIMIZATION AND ITS APPLICATIONS

(ICOIA-BHU-2010)

ORGANIZED BY



DEPARTMENT OF MATHEMATICS

BANARAS HINDU UNIVERSITY

VARANASI - 221005, INDIA

Conference Dates

February 16-18, 2010

Venue of the Conference

Department of Mathematics
Faculty of Science
Banaras Hindu University
Varanasi - 221005, INDIA

PLENARY SPEAKERS

Prof. Suresh Chandra (IIT, Delhi, India)

Prof. Pierre Hansen (Montreal, Canada)

Prof. Zuhair Nashed (Orlando, USA)

Prof. T. Parthasarathy (Chennai, India)

Prof. Michel Thera (Limoges, France)

Prof. Yinyu Ye (Stanford, USA)

INVITED SPEAKERS

Prof. Suliman Al-Homidan (Saudi Arabia)

Prof. D. Bhatia (DU, India)

Prof. Regina Burachik (Australia)

Prof. J. Dutta (IIT Kanpur, India)
Prof. Fabian Flores-Bazan (*Chile*)
Prof. T. R. Gulati (IIT Rurkee, India)
Prof. Pankaj Gupta (DU, India)
Prof. Sy-Ming Guu (Taiwan)
Prof. Nicolas Hadjisavaas (Greece)
Prof. Abdelouahed Hamdi (Kuwait)
Prof. Alexander Ioffe (Israel)
Prof. P. Q. Khanh (Vietnam)
Prof. Do Sang Kim (South Korea)
Prof. H. C. Lai (Taiwan)
Prof. S. C. Lalitha (DU, India)
Prof. G. M. Lee (South Korea)
Prof. L. J. Lin (Taiwan)
Prof. D. T. Luc (France)
Prof. Pierre Maréchal (France)
Prof. J.-E. Martinez-Legaz (Spain)
Prof. G. Mastroeni (Italy)
Prof. R. N. Mohapatra (USA)
Prof. S. Nanda (IIT Kharagpur, India)
Prof. C. Nahak (IIT Kharagpur, India)
Prof. S. K. Neogy (ISI Delhi, India)
Prof. Gianni Di Pillo (Italy)
Prof. S. Schaible (Taiwan and USA)
Prof. Jianming Shi (Japan)
Prof. S. P. Singh (Canada)
Prof. Jie Sun (Singapore)
Prof. W. Takahashi (Japan)
Prof. N. D. Yen (Vietnam)

OBJECTIVES

Optimization is a multi-disciplinary research field that deals with the characterization and computation of minima and / or maxima (local/global) of nonlinear, nonconvex, nonsmooth and discrete functions. optimization problems are frequently encountered in modeling of complex real world systems for a very broad range of applications including industrial and systems engineering, management science, operational research, mathematical economics, seismic optimization, production planning and scheduling, transportation and logistics and many other applied areas of science and engineering.

Due to rapid development and deployment of practical optimization methodologies in the last three decades, scientists around the globe in diverse disciplines have been using optimization techniques and algorithms to solve their respective problems. Optimization is playing a pivoting role in the development of modern science and engineering. The main aim of this conference is to provide impetus and motivation for further research work in all areas of optimization and its applications by providing a forum for the academic exchange of ideas and recent research works, both by senior and young active researchers from around the globe.

TOPICS TO BE COVERED

All topics related to optimization theory, methods and applications, including, but not limited to:
Linear Programming; Nonlinear Programming; Stochastic Programming; Parametric Programming;
Convex Programming; Nonsmooth Programming; Fractional Programming; Multiobjective
Programming; Variational Problem; Variational Inequalities; Game Theory; Complementarity
problems; Fuzzy optimization; Global optimization; Nonlinear Dynamic Systems; Theoretical

Development of Optimization; Computational and Numerical Experiments; New Algorithmic Approaches to Optimization; Applications related to Optimization on Engineering, Management, Art and Sciences, including some interdisciplinary subjects such as Mathematical Economics, Mathematical Physics and Biology, Financial Optimization, Portfolio Optimization and other subjects.

Contact:

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Varanasi-221005, India

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Interested persons should the following information by 1.12.2010 along with an extended abstract of about 300 words to the Convener by e-mail

1. Name and present position
2. a) Age b) Sex: M F
3. Affiliation and address for correspondence
4. E-mail and Phone / Mobil
5. Area(s) of interest
6. Whether contributing paper: Yes No
If yes, title of the paper
7. Details of registration fee: DD No.....
Date..... & Bank:
8. Accommodation required: Yes..... No.....
9. a) Date and Time of arrival
- b) Date & Time of departure.....