

APORS 2003- A Brief Report

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The International Conference of the Asia-Pacific Operational Research Societies with in IFORS shortly dubbed as APORS 2003 was held in New Delhi, India from 8th to 12th December 2003. The conference was very well attended with invited talk by distinguished researchers in optimization and operational research as well as four parallel sessions went on simultaneously. The event took place at the Hotel Grand Intercontinental in downtown New Delhi. We now provide a list of invited speakers and the title of their talks

1. T. Ibaraki (Towards a General Engine for Solving Real World Problems).
2. B. Mordukhovich (Optimization and Equilibrium Problem with Equilibrium Constraints).
3. I. Nishizaki (Analysis of Cooperative Behaviour in the Prisoners Dilemma Game on an Artificial Social Model).
4. M. R. Rao (Valuation of Options : An Introductory Review)
5. P. Satsangi (Reality and Truth vis-a-vis wisdom).
6. P. Toth (president IFORS) (Exact and Heuristic Algorithms for the Asymmetric Travelling Salesman Problem).
7. N. Vijayaditya (Operations Research in E- Business Era).
8. Prem Vrat (OR in supply chain management)

Various awards were given for the best theoretical and applied papers and as well as students presentation. There was nice cultural programme of Indian dance on the 9th December evening and an interesting programme on Indian Folk Music on the 11th before the valedictory function.

We now list below the various clusters in APORS 2003.

1. Convex and Non-convex Optimization
2. Modelling and Simulation
3. Queuing Theory and Applications
4. Inventory Management and EOQ Models
5. Combinatorial Optimization
6. Multi-Criteria, Hierarchical Optimization and Goal Programming.
7. Sequencing and Scheduling
8. Mathematical Programming
9. Neural Network and Artificial Intelligence.
10. Logistics / Transportaion Problems
11. Supply Chain Management
12. OR-Related Case Studies
13. Manufacturing Technology
14. Location and Allocation problem
15. Analysis and Design of Algorithms
16. E-Commerece and Information Technology
17. Date Warehousing and Data Mining
18. Decision Making Under Fuzzy Environment
19. Enterprise Resource Planning
20. Forecasting Techniques
21. Taguchi Method
22. Quality and Reliability Management
23. Stochastic/Statistical Models
24. Decision Support System

25. Industrial Operational Research
26. Software optimization
27. Financial and Marketing Management

After the conference Professor Boris Mordukhovich visited the Department of Mathematics at the Indian Institute of Technology, Kanpur on the 12th and 13th of December. Professor Mordukhovich gave a very interesting talk titled : Generalized Differentiation in Variational Analysis with Applications to Optimization.