
Call for Papers

Annals of Operations Research

Special Volume: Applied Optimization and Data Mining, Dedicated to Dr. Panos Pardalos on the Occasion of His 60th Birthday

This volume will be dedicated to Dr. Panos Pardalos, who has made fundamental contributions in the area of applied optimization and data mining. In addition, as editor-in-chief of several journals, editor of several book series, and the main organizer of numerous related conferences and workshops, Pardalos helped establish the field of applied optimization and data mining as a central activity in operations research and mathematical optimization. This special issue will consist of a collection of invited research papers on various topics in applied optimization and data mining: theories and applications.

Because of great advances in data collection and storage technologies, a large volume of data in various types exists. Pardalos was instrumental in bringing together academic researchers and industrial practitioners to develop innovative large-scale optimization models and data mining algorithms to handle massive amount of data. Additionally, he has made numerous ground-breaking contributions in computational algorithms that have proven to be useful in a wide variety of domains, especially in healthcare, energy, transportation, logistics, etc.

The **Annals of Operations Research** is planning a Special Volume on ***Applied Optimization and Data Mining, dedicated to Dr. Panos Pardalos on the occasion of his 60th birthday***. The deadline for submissions is **June 15th, 2014**.

We invite submissions to a forthcoming special volume of the ***Annals of Operations Research on Applied Optimization and Data Mining, dedicated to Dr. Panos Pardalos on the occasion of his 60th birthday***. The special volume will bring together papers by renowned researchers in data mining/machine learning and applied optimization that solve challenging problems in healthcare, energy, or logistics applications. We expect this special volume to be a collection of high quality research results and advances in operations research and management science. All submitted manuscripts will be reviewed according to the high standards of AOR.

Topics of Interest (but not limited to):

- ✓ Applied optimization (linear/integer Programming, nonlinear programming, network optimization, global optimization, dynamic programming, stochastic programming, etc.)
- ✓ Data mining (classification, clustering, feature selection, association rules, etc.)
- ✓ Healthcare and biomedical applications
- ✓ Energy applications
- ✓ Big data analytics
- ✓ Transportation and logistics

Instructions for authors can be found at <https://www.editorialmanager.com/anor/>. Please select article type "S.I.: Pardalos60" when uploading your paper.

Submission Deadline: **June 15th, 2014**

Guest Editors:

W. Art Chaovalitwongse, Univ. of Washington, artchao@uw.edu

Chun-An Chou, Binghamton Univ., cachou@binghamton.edu

Zhe Liang, Tongji Univ., liangzhe@coe.pku.edu.cn

Shouyi Wang, Univ. of Texas at Arlington, shouyi@uta.edu