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Annals of Operations Research

Special Volume on Construction and Engineering Project Management

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Operations Research is one of the fields contributing the most to the practice of Project Management, as it has proposed formal solutions to a wide range of problems. These contributions are mainly related to project scheduling and planning. However, one hundred years after Gantt proposed his popular diagram, most construction and engineering firms still use only simple methods, such as CPM, PERT, and Gantt diagrams.

In this Special Volume of the *Annals of Operations Research* we want to bridge the gap between OR theory and project management practice, from different perspectives. First, we are sure that OR can improve project management not only in traditional areas, such as scheduling, but also in human resource management, risk management, economic monitoring, etc. Second, we are also interested in the application of new emergent OR methodologies in project management. We are particularly interested in successful cases of OR applications in real projects.

Topics suitable for this Special Volume include, but are not limited to, the following:

- Advanced methodologies for scheduling and planning
- Complexity in project management
- Cost monitoring
- Computational methods in project management
- Agent-based methodologies
- Artificial Intelligence
- Successful cases of application of OR to PM
- Project portfolio management and multi-project environments.
- OR methodologies for project economic control and human resources management
- Risk management

Deadline for submissions: May 31, 2009

Submission procedure

To submit your manuscript to the *Annals of Operation Research* Special Volume *Construction and Engineering Project Management*, please click on the url: <http://www.editorialmanager.com/anor/> and follow the instructions found there. When submitting to the Special Volume, first click “submit new manuscript”, and select the article type “S. I. Con. & Eng. Project Man”.

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