CALL FOR RESEARCHERS

Seeking Graduate Research Assistants and Post-doctoral Researchers in Optimization under Uncertainty

Sabanci University, Istanbul, Turkey

Funded by a TUBITAK (The Scientific and Technological Research Council of Turkey) project on “ROBUST RISK-AVERSE STOCHASTIC PROGRAMMING MODELS FOR MULTICRITERIA DECISION MAKING PROBLEMS”

We focus on developing stochastic optimization modeling approaches and solution methods that can be applied to a wide range of decision making problems. For many decision making problems under uncertainty, it is crucial to consider the decision makers’ risk preferences. To this end, we incorporate risk measures into the optimization models. Particular application areas of interest: stochastic network design in humanitarian relief logistics.

Requirements: The candidate should have a strong background in mathematical programming modeling and optimization techniques. Good programming skills (such as MATLAB, Java/C++ or C) are also necessary. Candidates who have a previous experience in humanitarian relief research at master’s level are also welcome if they are interested in pursuing a PhD in operations research/industrial engineering.

Financial Aid: The grant will provide the candidate with a monthly salary and ample travel funds. Additional benefits (such as tuition waivers, university housing, meals, health insurance) from Sabanci University may be available based on the candidate’s qualifications.

Application Procedure: Mail your CV to the PI.

Please contact the PI for more details.

Contact for PI:

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