



Call for Papers

special issue on “Improving Healthcare: new challenges, new approaches”

Guest Editors
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The **International Transactions in Operational Research (ITOR)** will publish a Special Issue dedicated to “Improving Healthcare: new challenges, new approaches”.

Recent advances in medicine allow us to live longer and healthier lives. These advances have been made possible through the joint contribution of different scientific fields. Healthcare is nowadays better understood as a multidisciplinary field, with increasing number of challenges that can be better tackled by joint collaboration of researchers with different scientific backgrounds. Operational Research can significantly contribute to tackle many of the current and forthcoming challenges.

Contributions solicited cover a variety of topics, including but not limited to:

- Location and allocation problems in healthcare,
- Healthcare logistics,
- Planning and scheduling healthcare delivery,
- Optimization in radiotherapy,
- Healthcare information systems,
- Medical data mining,
- Health economics – costing and pricing of health services,
- Disease modelling, and
- Risk assessment and prioritisation.

Although we strongly encourage the submission of papers presented at the **XXXI Euro Mini Conference on Improving Healthcare** that will take place in Coimbra, Portugal, from March 30 to April 1, 2015, this Call for Papers is also open to the entire community of academics and practitioners.

All papers will be peer-reviewed according to the editorial policy of ITOR (<http://www3.interscience.wiley.com/journal/118505725/home>), published by the International Federation of Operational Research Societies (IFORS). Papers should be original, unpublished, and not currently under consideration for publication elsewhere. They should be prepared according to the instructions to authors that can be found in the journal homepage. Authors should upload their contributions using the submission site <http://mc.manuscriptcentral.com/itor>, indicating in their cover letter that the paper is intended for this special issue.

The deadline for submissions is June 30, 2015. Other inquiries should be sent directly to any of the Guest Editors in charge of this issue: Joana Dias (joana@fe.uc.pt), Humberto Rocha (hrocha@mat.uc.pt), and Ana Viana (aviana@inescporto.pt).