

2014 International Conference on Control, Decision and Information Technologies



CoDIT'14

Call for papers -- Special Session on: Healthcare systems planning and optimization for CODIT2014

November 3-5, 2014 - Metz, France

Session chair

- D. Malek Masmoudi, LASPI Laboratory, Université Jean-Monnet, Saint-Etienne, France
- D. Racem Mellouli, LOGIQ unit, Université de Sfax, Tunisia
- D. Issam Nouaouri, LGI2A Laboratory, Université d'Artois, France

Session description

The health care system is facing unprecedented challenges and particularly a serious economic pressure. How to make changes in order to improve the system performance becomes the main issue of researchers from organizational and decisional points of view. Promising alternatives of the traditional Health Care Systems are provided in literature namely:

- Home Health Care (HHC) Systems: these provide continuous and coordinated care services at the patients' homes, and are particularly efficient in aging societies.
- Health Care Decisional Support Systems enhanced with planning and scheduling solutions: they are based on algorithms from operations research and artificial intelligence. These systems help health care managers to make best decisions both in the contexts of normal activities or when perturbations occur.

The aim of this special session is to discuss new advances in the health care domain. Topics of interest include, but are not limited to, the following topics:

- ▶ OR and AI for planning and scheduling,
- ▶ Home health care,
- ▶ Logistical support systems,
- ▶ Risk and uncertainty.

Submission

Please submit your full paper or extended abstract of 2 to 3 pages choosing the right track on the EasyChair site:

<https://www.easychair.org/conferences/?conf=codit14>

June 20, 2014: deadline for paper submission

July 10, 2014: notification of acceptance/reject

September 10, 2014: deadline for final paper and registration.

