

The HOSPITAL project

Written by Martin Stølevik

HOSPITAL (Health care Optimisation Software for Planning, rostering, And scheduling) is a five year research project mainly funded by The Research Council of Norway. The industrial partners Gatsoft AS and DIPS ASA are co-funding the project. The main objective in the project is to further develop and disseminate world leading competence in high-performance, robust and adaptable optimization methods for decision support in health care planning software. The competence is needed to meet strategic goals of higher efficiency and service levels in the health sector, and to facilitate innovation in the tool vendor industry. We shall focus on two specific, highly challenging, important planning tasks: personnel rostering and surgery scheduling. Optimization methods will be incrementally developed and assessed via prototypes. A generic optimization library and implementation guide will ensure wide dissemination and exploitation of the methodology, also outside of the health sector.

Duration: 2007 - 2012

Funding source: The Norwegian Research Council, Industry

Partners: DIPS, Gatsoft, CMA (Centre of Mathematics for Applications), University of Oslo
ASAP (The Automated Scheduling, Optimisation and Planning), University of Nottingham

Further information: <http://www.sintef.no/Projectweb/HOSPITAL/>

Contact Person: [Martin Stølevik](#)