

2nd Workshop on Models and Methods for healthcare systems management and planning

Organizers: Gregory Faraut (Univ. Paris-Sud, France)
Cristian Mahulea (University of Zaragoza Spain)

Program

Session 1: Scheduling problems

09:00 – 09:40

Appointment Scheduling of Diagnostic Facilities Subject to Non-stationary Emergency Demand and Waiting Time Targets (Jing Wen, Na Geng, Xialan Xie)

09:40 – 10:20

Operation Planning of Elective Patients in an Orthopedic Surgery Department (Daniel Clavel, Cristian Mahulea, Jorge Albareda, Manuel Silva)

Session 2: Demonstrators: ICT tools in healthcare

11:00 – 11:40

Improving the dynamic capabilities of an emergency departments using an event-based information architecture (Kristofer Bengtsson, Elin Blomgren, Oskar Henriksson, Linnéa Johansson, Edvard Lindelöf, Martin Pettersson, Åsa Söderlund)

11:40 – 12:20

From clinical guideline to formal models by using HEAT (Luis Parrilla, José García, Jorge Albareda and Cristian Mahulea)

Session 3: Case study

12:20 – 13:00

Motion Detector Placement Optimization in Smart Homes for Inhabitant Location Tracking (Maria Pia Fanti, Gregory Faraut, Jean-Jacques Lesage, Michele Roccotelli)