Anders Reenberg Andersen - DTU Orbit (07/02/2019)

Andersen, Anders Reenberg
arean@dtu.dk
Department of Applied Mathematics and Computer Science - Postdoc
Statistics and Data Analysis

Research outputs:

**Staff optimization for time-dependent acute patient flow**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**Queueing and Optimization Models for Hospital Patient Flow**
Andersen, A. R. 2018 Technical University of Denmark. 190 p.
Research output: Research › Ph.D. thesis – Annual report year: 2018

**A Simulation-based Markov Decision Process for the Scheduling of Operating Theatres**
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

**Optimization of hospital ward resources with patient relocation using Markov chain modeling**
Research output: Research - peer-review › Journal article – Annual report year: 2017

Projects:

**Prediction-based optimization of inventory for hiring out products - Smart Innovation**
Andersen, A. R., Thyregod, C. & Ersbøll, B. K.
01/07/2018 → …
Project: Consultancy

**Queueing and Optimization Models for Hospital Patient Flow**
Andersen, A. R., Stidsen, T. J. R., Nielsen, B. F., Reinhardt, L. B., Røpke, S., Boucherie, R. J. & De Causmaecker, P.
Samfinansierede - Virksomhed
01/07/2015 → 08/11/2018
Project: PhD

Activities:

**A Simulation-based Markov Decision Process for the Scheduling of Operating Theatres**
Andersen, A. R. (Guest lecturer)
20 Sep 2017 → 22 Sep 2017
Activity: Talks and presentations › Conference presentations

**INFORMS Healthcare 2017**
Andersen, A. R. (Guest lecturer)
26 Jul 2017 → 28 Jul 2017
Activity: Talks and presentations › Conference presentations

**Optimization of Medical Bed Resources using Queueing Theory and Hill Climbing**
Andersen, A. R. (Guest lecturer)
3 Jul 2016 → 6 Jul 2016
Activity: Talks and presentations › Conference presentations

Optimization of Medical Bed Resources using Queueing Theory and Hill Climbing
Andersen, A. R. (Guest lecturer)
24 May 2016 → 25 May 2016
Activity: Talks and presentations › Conference presentations