Ali Gürcan Özkil - DTU Orbit (23/09/2018)

Özkil, Ali Gürcan
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Department of Mechanical Engineering - Associate Professor

Engineering Design and Product Development

Publications:

Prototyping for Desirability by Design of Experiments: A Case Study of a Hardware Startup
International Design Engineering Technical Conferences and Computers and Information in Engineering Conference .
American Society of Mechanical Engineers, 11 p. DETC2018-86293
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Prototyping in mechatronic product development: how prototype fidelity levels affect user design input
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Collective design in 3D printing: A large scale empirical study of designs, designers and evolution
Özkil, A. G. 2017 In : Design Studies. 51, p. 66-89
Publication: Research - peer-review › Journal article – Annual report year: 2017

Makerspaces in Engineering Education: A Case Study
Technical Conferences and Computers and Information in Engineering Conference (IDETC/CIE 2016). American Society
of Mechanical Engineers, 9 p. DETC2016-60066
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Pervasive assistive technology for people with dementia: a UCD case
Technology Letters. 3, 4, p. 297 – 302
Publication: Research - peer-review › Letter – Annual report year: 2016

Prototypes in engineering design: Definitions and strategies
p. 821-830
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Remember to remember: A feasibility study adapting wearable technology to the needs of people aged 65 and older with
Mild Cognitive Impairment (MCI) and Alzheimer's Dementia
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

A Deported View Concept for Touch Interaction
Alapetite, A., Andersen, H. B., Fogh, R. & Özkil, A. G. 2013 ACHI 2013 : The Sixth International Conference on Advances
in Computer-Human Interactions. IARIA, p. 22-27
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Automatically Annotated Mapping for Indoor Mobile Robot Applications
DETC2012-71351 9 p.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012
Kansei Engineering and Website Design
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Mobile Robots for Hospital Logistics
Özkil, A. G. 2012
Publication: Research › Conference abstract for conference – Annual report year: 2012

Open Design and Crowdsourcing: Maturity, Methodology and Business Models
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Service Robots for Hospitals: Key Technical issues
Publication: Research › Ph.D. thesis – Annual report year: 2011

Mapping of multi-floor buildings: A barometric approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Practical indoor mobile robot navigation using hybrid maps
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Empirical evaluation of a practical indoor mobile robot navigation method using hybrid maps
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

GPU-Boosted Camera-Only Indoor Localization
Özkil, A. G., Fan, Z., Kristensen, J. K., Dawids, S., Christensen, K. H. & Aanæs, H. 2010
Publication: Research › Poster – Annual report year: 2010

Mobile Robot Navigation Using Visual Tags: A Review
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Service Robots for Hospitals: A Case Study of Transportation Tasks in a Hospital
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Technical Report on Autonomous Mobile Robot navigation
Publication: Research › Report – Annual report year: 2009

Publication: Research › Report – Annual report year: 2009
Design of a robotic automation system for transportation of goods in hospitals
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Genetically Generated Double-Level Fuzzy Controller with a Fuzzy Adjustment Strategy
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Projects:

Reconfigurable Modular Robotic System for Aquatic Environment
Galeazzi, R., Christensen, D. J., Mariani, P., Visser, A., Özkil, A. G. & Nielsen, U. D.
01/02/2016 → 31/01/2018
Project

Investigating New Design Paradigms in Agile Product Development and Rapid Prototyping
Jensen, L. S., Özkil, A. G. & Mortensen, N. H.
15/07/2015 → 30/09/2018
Project: PhD

New AI and its Application in Hospital Service Robotics
15/02/2008 → 31/08/2011
Project: PhD

Activities:

European Robotics Forum 2012
Özkil, A. G. (Organizer)
5 Mar 2012
Activity: Attending an event › Participating in or organising a conference