Hildur Einarsdottir - DTU Orbit (04/02/2018)

Publications:

Foreign object detection in multispectral X-ray images of food items using sparse discriminant analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Grating-based X-ray tomography of 3D food structures
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Image Analysis for X-ray Imaging of Food
Publication: Research › Ph.D. thesis – Annual report year: 2016

Novelty detection of foreign objects in food using multi-modal X-ray imaging
Publication: Research - peer-review › Journal article – Annual report year: 2016

Computer-aided diagnosis of pulmonary diseases using x-ray darkfield radiography
Publication: Research - peer-review › Journal article – Annual report year: 2015

Analysis of micro-structure in raw and heat treated meat emulsions from multimodal X-ray microtomography
Publication: Research - peer-review › Journal article – Annual report year: 2014

Can We Find Organic Materials in Food Using X-rays?
Publication: Research - peer-review › Poster – Annual report year: 2014

Novel X-ray phase-contrast tomography method for quantitative studies of heat induced structural changes in meat
Publication: Research - peer-review › Journal article – Annual report year: 2014

Segmentation of Connective Tissue in Meat from Microtomography Using a Grating Interferometer
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Segmentation Toolbox for Tomographic Image Data
Publication: Research › Poster – Annual report year: 2014

Status for NEXIM New X-ray Imaging Modalities for safe and high quality food
Publication: Research - peer-review › Report chapter – Annual report year: 2014

Application of X-ray phase-contrast tomography in quantitative studies of heat induced structural changes in meat
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Contextual Multivariate Segmentation of Pork Tissue from Grating-Based Multimodal X-Ray Tomography
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Effect of fat type and heat treatment on the microstructure of meat emulsions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Quantitative Analysis of Micro-Structure in Meat Emulsions from Grating-Based Multimodal X-Ray Tomography
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013
Using X-ray imaging to study thermal-induced changes in food
Publication: Research › Poster – Annual report year: 2013

Projects:

Image Analysis for X-ray Imaging of Food
Project: PhD