Research outputs:

**Flow rate dependency of critical wall shear stress in a radial-flow cell**
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

**Laminar flow in radial flow cell with small aspect ratios: Numerical and experimental study**
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

**Robust modelling of heat-induced reactions in an industrial food production process exemplified by acrylamide generation in breakfast cereals**
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

**CFD prediction of hygiene in food processing equipment**
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2007 › Research

**Computation and evaluation of wall shear stress distribution at the lower surface of a radial flow cell**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2007 › Research › peer-review

**Improving the cleaning effect by changing average velocity**
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research

**Numerical study of influence of inlet turbulence parameters on turbulence intensity in the flow domain: Incompressible flow in pipe system**
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

**Training – a prerequisite in hygienic food processing**
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Communication

**Applicable models of industrial processes base on process understanding: Acrylamide prediction**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research › peer-review

**Predicting cleaning: Estimate fluctuations in signal from electrochemical wall shear stress measurements using CFD**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research

**The importance of fluid flow during cleaning of closed processes**
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Communication

**Food Process Engineering: An Introduction**
Research output: Book/Report › Book – Annual report year: 2005 › Education

**Improving the hygienic design of closed equipment**
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2005 › Research › peer-review

**Local wall shear stress variations predicted by computational fluid dynamics for hygienic design**
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review
Predicting the cleanability of Mix-proof Valves by use of Wall Shear Stress
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Procesmodellering af akrylamidanelse
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Communication

Test af studerendes forudsætninger på et levnedsmiddelkursus
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2005 › Education

The basis for a common approach
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Communication

Acrylamid i fødevarer
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Communication

Critical wall shear stress for the EHEDG test method
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Effekтивитeten af CIP-rengøring kan forbedres
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Communication

Implementation of hygienic food production into practise - the HYFOMA training toolbox
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research

Improved hygienic design
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Communication

Improving cleaning in place using Computational fluid dynamics
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research

LDA measurements through curved surfaces for validation of CFD simulations of flow in valve body
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research

Matematiske modeller til simulering af strømninger kan forbedre hygiejnisk design af lukket prosesudstyr
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Communication

Numerical method for virtual cleaning testing
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research

Prediction of flow in mix-proof valve by use of CFD - Validation by LDA
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Hygienic Design of Closed Processing Equipment by use of Computational Fluid Dynamics

Determining shear damage of milk in process equipment
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2002 › Research
Fluid Exchange for predicting cleanability using CFD
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2002 › Research

Prediction of hygiene in food processing equipment using flow modelling
Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

Prediction of Cleanability in Food Processing Equipment using CFD
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2001 › Research

Hygienic design of In-line components using CDF
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research

Projects:

Optimization of Hygienic Design of food Processing Equipment Using Computational Fluid Dynamics
Project: PhD

Food process modeling with integration of process impact and quality mapping
Project: PhD

Hygienic Design of Food Processing Machinery
Project: Research