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Chang, T., Boisen, A., Hwu, E. T. & Nielsen, L. H.  
01/09/2018 → 31/08/2021  
Project: PhD

Evaluating microcontainers for oral delivery of probiotics  
Christfort, J. F., Boisen, A., Nielsen, L. H. & Zor, K.  
01/09/2018 → 31/08/2021  
Project: PhD

Microcontainers for Oral Delivery of Probiotics  
Kamguyan, K., Boisen, A., Nielsen, L. H. & Zor, K.  
15/06/2018 → 14/06/2021  
Project: PhD

Microcontainers for oral drup delivery  
Hansen, S. E., Boisen, A. & Nielsen, L. H.  
01/02/2018 → 31/01/2021  
Project: PhD

Development of Highly sensitive raman spectroscopy system for monitoring of multicomponent drug mixtures in the PPM Concentration range  
Slipets, R., Boisen, A., Ilchenko, O. & Rindzevicius, T.  
01/11/2017 → 31/10/2020  
Project: PhD

Optical Sensor Disc  
Serioli, L., Boisen, A., Rindzevicius, T. & Zor, K.  
01/10/2017 → 30/09/2020  
Project: PhD

Sensors on disc  
Thoppe Rajendran, S., Boisen, A., Rindzevicius, T. & Zor, K.  
01/05/2017 → 30/04/2020  
Project: PhD
Fabrication of biodegradable microcontainers for oral drug delivery
Abid, Z., Keller, S. S., Boisen, A. & Petersen, R. S.
01/03/2017 → 29/02/2020
Project: PhD

Drug transport in in vitro intestine models
Jepsen, M. L., Dufva, M., Boisen, A. & Nielsen, L. H.
15/12/2016 → 14/12/2019
Project: PhD

Nanomechanical Sensors
Padmanabhan Rangacharya, V., Boisen, A., Larsen, P. E., Rindzevicius, T. & Wu, K.
01/10/2016 → 30/09/2019
Project: PhD

Mucoadhesive microcontainers for oral drug delivery
Mosgaard, M. D., Boisen, A., Andersen, A. J. & Müllertz, A.
15/09/2016 → 17/08/2020
Project: PhD

Development of Surface-Enhanced Raman Scattering Sensors
Viehrig, M., Boisen, A., Rindzevicius, T. & Zor, K.
01/09/2016 → 31/08/2019
Project: PhD

Miniaturization of food safety analysis
Zhai, D. S., Smedsgaard, J. & Boisen, A.
15/03/2016 → 14/03/2019
Project: PhD

Additive Manufacturing and Characterization of Mini Devices for Oral Drug Delivery
Vaut, L., Boisen, A., Jensen, K. E. & Tosello, G.
01/03/2016 → 28/02/2019
Project: PhD

Loading of microcontainers for oral drug delivery
Mazzoni, C., Boisen, A. & Nielsen, L. H.
15/01/2016 → 14/01/2019
Project: PhD

Carbon based micromechanical sensors
Nguyen, Q. L., Keller, S. S., Boisen, A. & Schmid, S.
15/12/2015 → 14/12/2018
Project: PhD

Targeting Approaches to Oral Drug Delivery with Microcontainers
Tentor, F., Boisen, A., Almdal, K. & Bose-Goswami, S.
01/12/2015 → 30/11/2018
Project: PhD

Microcontainers for oral vaccine delivery
von Halling Laier, C., Boisen, A., Nielsen, L. H., Rades, T., Larsen, N. B., Christensen, D. & Lavelle, E.
01/09/2015 → 31/08/2018
Project: PhD
Chemical/Biological sensing using CMUTs
Mølgaard, M. J. G., Thomsen, E. V., Jakobsen, M. H., Boisen, A., Dossi, E. & Virzonis, D.
01/05/2015 → 21/06/2018
Project: PhD

SERS based Sensing and Centrifugal Microfluidics
Durucan, O., Boisen, A., Matteucci, M., Rindzevicius, T., Schmidt, M. S., Smedsgaard, J., Golcuk, K. & Hakonen, A.
15/01/2015 → 03/05/2018
Project: PhD

Disc System for Cellular Studies
Morelli, L., Boisen, A., Rindzevicius, T., Zor, K., Svendsen, W. E., Ducree, J. & Sandahl, M.
01/12/2014 → 07/03/2018
Project: PhD

Agglutination based Sensing and Centrifugal Microfluidics
01/11/2014 → 07/02/2018
Project: PhD

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Sanger, K., Boisen, A., Heiskanen, A., Zor, K., Taboryski, R. J., Turner, A. P. F. & Zebgerle, R.
01/09/2014 → 11/01/2018
Project: PhD

Cantilever sensor on a rotating disc
01/04/2014 → 23/08/2017
Project: PhD

Hollow Cantilever-like sensors on a rotating disc
Kurek, M., Boisen, A., Burger, R., Schmid, S., Thomsen, E. V., Seonghwan, K. & Tamayo, J.
01/02/2014 → 10/05/2017
Project: PhD

Electromechanical sensors on a rotating disc
15/08/2013 → 10/05/2017
Project: PhD

Surface Plasmon based sensors using nanopillar arrays
Thilsted, A. H., Boisen, A., Rindzevicius, T., Schmidt, M. S., Hübner, J., Ariese, F. & Pedersen, J. E.
15/08/2013 → 08/02/2017
Project: PhD

Understanding Optical Properties of nanopillar arrays
Wu, K., Boisen, A., Schmidt, M. S., Hübner, J., Dmitriev, A. & Duyne, R. P. V.
01/05/2013 → 17/08/2016
Project: PhD

nanostructuring of solar cell surfaces
Davidsen, R. S., Hansen, O., Boisen, A., Schmidt, M. S., Jørgensen, A. M., Balling, P. & Marstein, E. S.
01/11/2012 → 15/06/2016
Project: PhD
SERS as tool for monitoring lung infections
Lauridsen, R. K., Boisen, A., Molin, S., Rindzevicius, T., Bohr, J., Gilchrist, F. J. & Turner, A. P. F.
01/11/2012 → 08/02/2017
Project: PhD

Fabrication of biopolymer micro-container for oral drug delivery
Petersen, R. S., Boisen, A., Keller, S. S., Taboryski, R. J., Lehr, C. & Worgull, M.
15/09/2012 → 09/12/2015
Project: PhD

Development of a micromechanical Photothermal Spectrometer
Larsen, P. E., Boisen, A., Schmid, S., Thomsen, E. V., Thundat, T. G. & Wiegerink, R. J.
01/09/2012 → 16/03/2016
Project: PhD

High-throughput Gene Expression profiling (HT GenExp) technology for assessing heterogeneity in human stem cells
Poulsen, C. E., Wolff, A., Dufva, M., Boisen, A., Ducrée, J. & Hollfelder, F.
15/08/2012 → 17/08/2016
Project: PhD

Surface chemistry for cantilever-like end SERS sensors for DVD-based platform
Frøhling, K. B., Jakobsen, M. H., Bache, M., Boisen, A., Rozlosnik, N., Engelsen, S. B. & Merkoçi, A.
15/08/2012 → 09/12/2015
Project: PhD

Cantilever-like sensors for DVD Platform
01/08/2012 → 09/11/2015
Project: PhD

Loading of micro-cantainers for oral drug delivery
01/02/2011 → 14/05/2014
Project: PhD

Nanoparticles and Health
01/04/2010 → 15/06/2016
Project: PhD

Development of Mechanical Biosensor for Metabolomics
Quan, X., Boisen, A., Heiskanen, A., Tenje, M., Emnéus, J., Ruzgas, T. & Thundat, T. G.
01/02/2010 → 26/11/2013
Project: PhD

Fabrication and characterization of drug delivery vehicles
01/01/2010 → 18/04/2013
Project: PhD

Temperature Stable Mass Sensors
Khan, F., Boisen, A., Schmid, S., Okkels, F., Jeon, S. & Stemme, G.
01/12/2009 → 21/02/2013
Project: PhD
Micro-scale temperature sensors for calorimetry and cantilever based sensing
Larsen, T., Boisen, A., Schmid, S., Svendsen, W. E., Finot, E. & Thundat, T. G.
01/10/2009 → 18/12/2012
Project: PhD

Cantilever-based sensors for explosives detection
Bosco, F., Boisen, A., Kutter, J. P., Hegner, M. & Thundat, T. G.
01/11/2008 → 16/01/2012
Project: PhD

High frequency bulk resonators for bio/chemical diagnostics and monitoring applications
01/10/2008 → 16/01/2012
Project: PhD

Micro-calorimetric sensors for explosives detection
Olsen, J. K., Boisen, A., Hvilsted, S., Bouwstra, S. & P. Hernández-Rivera, S.
01/08/2008 → 28/09/2011
Project: PhD

Development of cantilever sensors for ion Detection
Fischer, L. M., Boisen, A., Tenje, M., Ulstrup, J., Grutter, P. H. & Raiteri, R.
01/01/2008 → 23/02/2011
Project: PhD

Micromechanical Pathogen Sensor System
01/10/2007 → 24/11/2010
Project: PhD

3D nanolithography for self-aligned nano- and microstructures
01/02/2007 → 22/09/2010
Project: PhD

High Frequency Resonators for Liquid based Bio/Chemical Diagnostics and Monitoring Applications
01/02/2006 → 20/05/2009
Project: PhD

Activation of SU8 Polymer Cantilever Systems for the Detection of Methicillin-Resistant Staphylococcus aureus (MRSA)
15/11/2005 → 22/04/2009
Project: PhD

Autonomous Diagnostic Array for Biomedical Applications
Keller, S. S., Boisen, A., Häfliger, D., Almdal, K., Despont, M. & Grutter, P. H.
01/05/2005 → 29/08/2008
Project: PhD

Micro and Nanomechanical Sensors Realised in Functionalised Polymers
Lillemose, M., Boisen, A., Almdal, K., Berger, R. & Gomez, M.
01/03/2005 → 29/08/2008
Project: PhD
Piezoresistivity for Microsystems
Richter, J., Thomsen, E. V., Christensen, C., Hansen, O., Boisen, A., Gravesen, P. & Paul, O.
01/01/2005 → 29/05/2008
Project: PhD

Nanoskala multi-punkts prober fabrikeret ved elektron-stråle litografi
Gammelgaard, L., Bøggild, P., Boisen, A., Petersen, P. R. E., Horch, S., Brugger, J. & Gravesen, P.
01/04/2004 → 28/09/2007
Project: PhD

Packaging of Bioprobe Cantilevers
Johansson, A. C., Boisen, A., Geschke, O., Staufer, U. & Thundat, T. G.
01/03/2004 → 05/02/2007
Project: PhD

Fabrication of Polymeric Cantilevers with Integrated Optical Read-Out
18/02/2004 → 28/08/2007
Project: PhD

Investigation of Nano-resonators for Mass Detection
Dohn, S., Boisen, A., Hansen, O., Sigmund, O., Bouwstra, S. & Lægsgaard, E.
01/09/2003 → 30/03/2007
Project: PhD

Design, fabrication and implementation of a highly Versatile High Resolution Mass Sensor
Grigorov, A. V., Boisen, A., Hansen, O., Berini, G. A. & Montelius, L.
15/02/2003 → 06/09/2006
Project: PhD

Polymeric cantilever for bio-chemical sensing
Boisen, A.
13/01/2003 → 31/08/2006
Project

Investigation and realigation of a Mass Sensor with NanoElectroMechanicalSystem (NEMS)
01/10/2002 → 30/03/2006
Project: PhD

Fabrication and Characterization of Nano-Resonators for Mass Detection
Forsén, E. S., Boisen, A., Andreani, P. & Tamayo, J.
01/07/2002 → 23/01/2006
Project: PhD

Nanoresonators with Integrated circuitry for high sensitivity and high resolution mass detection
Boisen, A.
23/10/2001 → 30/09/2004
Project

Optiske bistabilitet i integreret optik
Sandberg, R. K., Boisen, A., Svendsen, W. E., Hansen, O., Berger, R. & Gomez, M.
01/09/2001 → 29/08/2005
Project: PhD
Nucleic acid Reactions Investigated by Cantilever Based Sensors
Marie, R., Boisen, A., Christensen, C. B. V., Pedersen, L. H. & Gómez, L. M. L.
01/01/2001 → 12/05/2004
Project: PhD

Organiske og Biologiske molekullag på funktionelle sensor-overflader studeret med atomic force mikroskopi
Hansen, M. S., Boisen, A., Garnæs, J., Kyhle, A., Ulstrup, J., Pedersen, L. H. & Williams, P. M.
01/12/2000 → 05/03/2004
Project: PhD

Cantilever-based sensors for surface stress measurements
Rasmussen, P. A., Boisen, A., Scheeper, P. R. & Vettiger, P.
01/08/2000 → 10/02/2004
Project: PhD

Nanoresonators for high resolution mass detection
Davis, Z. J., Boisen, A., Hansen, O., Sigmund, O., Brand, O. & Brugger, J.
01/02/2000 → 30/08/2003
Project: PhD

Nanocantilevers for mass detection
Boisen, A., Hansen, O., Kuhn, O. & Grey, F.
01/07/1999 → 01/03/2000
Project

Elektrokemi og in situ scanning tunnel mikroskopi af biologisk betydningsfulde overgangsmetalkomplekser
Hansen, A. G., Ulstrup, J., Boisen, A., Quaade, U. & Raiteri, R.
01/06/1999 → 14/03/2003
Project: PhD

Fabrication, characterization and implementation of cantilevers for biochemical sensing
Thaysen, J., Boisen, A., Bouwstra, S., Grey, F., Frans de Rooij, N., Brugger, J. & Sigmund, O.
01/01/1999 → 16/11/2001
Project: PhD

Molecular Dynamics Simulations of Proteins, Biomembrane Systems, and Interfaces
Jensenius, H., Boisen, A., Grey, F., Ulstrup, J. & Berger, R.
01/01/1999 → 30/08/2002
Project: PhD

Microcantilevers as biosensors
Boisen, A., Jensenius, H., Thaysen, J. & Hansen, A. G.
01/06/1998 → 01/01/2002
Project

Packaging of integrated optical components
01/09/1997 → 31/08/2001
Project: PhD

Nanolithography on aluminium thin films
Grey, F., Boisen, A., Birkelund, K., Hansen, O. & Kuhn, O.
01/06/1997 → 01/01/2000
Project
Mikro-systemer til (bio-) kemisk analyse
Østergaard, S., Telleman, P., Boisen, A. & Søndergaard, I.
01/09/1996 → 16/12/1999
Project: PhD

Dyrkning af Si 1-x Ge x heterostrukturer med UHV-CVD
Madsen, N. H., Boisen, A., Petersen, J. W. & Thomsen, E. V.
01/08/1996 → 01/01/1998
Project: PhD

AFM probes
Bouwstra, S., Boisen, A., Hansen, O., Johansen, L., Ginnerup, M. & Thaysen, J.
01/04/1994 → ...
Project

Spm-probes
Boisen, A. & Bouwstra, S.
01/04/1994 → ...
Project: PhD

Activities:

Pyrolytic carbon for MEMS string resonators
Nguyen, Q. L. (Speaker), Larsen, P. E. (Other), Boisen, A. (Other), Keller, S. S. (Invited speaker)
11 Jun 2018
Activity: Talks and presentations › Conference presentations

3D printed system for testing intestinal drug transport
Jepsen, M. L. (Other), Nielsen, L. H. (Other), Almdal, K. (Other), Boisen, A. (Other), Dufva, M. (Other)
21 Mar 2018
Activity: Talks and presentations › Conference presentations

Loading of poorly soluble drugs by supercritical CO2 impregnation into microcontainers for oral drug delivery
Mazzoni, C. (Other), Antalaki, A. (Other), Jacobsen, R. D. (Other), Mortensen, J. (Other), Tentor, F. (Other), Slipets, R. (Other), Ilchenko, O. (Other), Keller, S. S. (Other), Nielsen, L. H. (Other), Boisen, A. (Other)
19 Mar 2018 → 22 Mar 2018
Activity: Talks and presentations › Conference presentations

3D printed system for based on hydrogels for drug transport
Jepsen, M. L. (Other), Nielsen, L. H. (Other), Almdal, K. (Other), Boisen, A. (Other), Dufva, M. (Other)
29 Jan 2018
Activity: Talks and presentations › Conference presentations

Loading of poorly soluble drugs by supercritical CO2 impregnation into microcontainers for oral drug delivery
Mazzoni, C. (Speaker), Antalaki, A. (Other), Jacobsen, R. D. (Other), Mortensen, J. (Other), Tentor, F. (Other), Slipets, R. (Other), Ilchenko, O. (Other), Keller, S. S. (Other), Nielsen, L. H. (Other), Boisen, A. (Other)
29 Jan 2018 → 31 Jan 2018
Activity: Talks and presentations › Conference presentations

A nanofiltration technique for analyte extraction from complex matrix and surface enhanced Raman spectroscopy based sensing
Durucan, O. (Guest lecturer), Rindzevicius, T. (Other), Schmidt, M. S. (Other), Ilchenko, O. (Other), Boisen, A. (Other)
20 Sep 2017
Activity: Talks and presentations › Conference presentations
Structural aspects of hydrates – insight into phase transformations using nanomechanical sensors
Peter Ouma Okeyo (Guest lecturer), Larsen, P. E. (Guest lecturer), Ilchenko, O. (Guest lecturer), Rindzevicius, T. (Guest lecturer), Roman Slipets (Guest lecturer), Boisen, A. (Guest lecturer), Thomas Rades (Guest lecturer), Jukka Rantanen (Guest lecturer)
28 Jun 2017 → 30 Jun 2017
Activity: Talks and presentations › Conference presentations

Integration of Nanopillar SERS Substrates in a Microfluidic Platform for Analyte Separation and Quantitative Sensing
Durucan, O. (Guest lecturer), Morelli, L. (Guest lecturer), Wu, K. (Guest lecturer), Viehrig, M. (Guest lecturer), Ilchenko, O. (Guest lecturer), Zor, K. (Guest lecturer), Matteucci, M. (Guest lecturer), Alstrøm, T. S. (Guest lecturer), Rindzevicius, T. (Guest lecturer), Schmidt, M. S. (Guest lecturer), Boisen, A. (Guest lecturer)
11 Jun 2017 → 17 Jun 2017
Activity: Talks and presentations › Conference presentations

SERS combiner for high-speed and high-sensitive quantitative analysis
Ilchenko, O. (Guest lecturer), Rindzevicius, T. (Guest lecturer), Durucan, O. (Guest lecturer), Schmidt, M. S. (Guest lecturer), Roman Slipets (Other), Morelli, L. (Guest lecturer), Boisen, A. (Guest lecturer)
11 Jun 2017 → 17 Jun 2017
Activity: Talks and presentations › Conference presentations

Annual Conference on Commercialization of Micro and Nano Systems
Boisen, A. (Participant)
30 Aug 2009 → 4 Sep 2009
Activity: Attending an event › Participating in or organising a conference

Detection of multiple bacteria cells using cantilever based mass sensors
Boisen, A. (Speaker)
20 May 2009 → 22 May 2009
Activity: Talks and presentations › Conference presentations

Talk about "Micro and Nanomechanical sensors; new materials and read-out methods" presented at ICMEMS 2009
Boisen, A. (Speaker)
3 Jan 2009 → 5 Jan 2009
Activity: Talks and presentations › Conference presentations

The 5th International Workshop on Nano Mechanical Sensing
Boisen, A. (Participant)
2008 → …
Activity: Attending an event › Participating in or organising a conference

Talk about "New Materials and read-out methods for Cantilever-based sensing" Presented at Instute of Physics, Academia Sinica
Boisen, A. (Speaker)
29 Oct 2008
Activity: Talks and presentations › Conference presentations

Talk about "Nanomechanical Sensors" Presented at National Cheng Kung University
Boisen, A. (Speaker)
28 Oct 2008
Activity: Talks and presentations › Conference presentations
Talk about "Fabrication of Cantilevers by Nanoimprint Lithography" Presented at "International Workshop on Cantilever sensors"
Boisen, A. (Speaker)
19 May 2008 → 21 May 2008
Activity: Talks and presentations › Conference presentations

Talk about "Laser self-mixing interferometry in VCSELs - an ultra-compact and massproducible deflection detection system for Nanomechanical Polymer cantilever sensors" Presented at "International workshop on cantilever Sensors"
Boisen, A. (Speaker)
19 May 2008 → 21 May 2008
Activity: Talks and presentations › Conference presentations

Rapid Methods Europe 2008
Boisen, A. (Participant)
21 Jan 2008 → 23 Jan 2008
Activity: Attending an event › Participating in or organising a conference

Talk about "Development in materials and read-out methods for cantilever-based sensing" Presented at "IEEE International Conference and Nano/Micro Engineered and Molecular Systems"
Boisen, A. (Speaker)
6 Jan 2008 → 9 Jan 2008
Activity: Talks and presentations › Conference presentations

2008 3rd IEEE International Conference on Nano/Micro Engineered and Molecular Systems
Boisen, A. (Participant)
1 Jan 2008 → …
Activity: Attending an event › Participating in or organising a conference

Talk about "Sensors Based on Miniature Bridges, Diving Boards and Lids" presented at "21st Century Medicine conference: Breakthroughs and Challenges".
Boisen, A. (Speaker)
1 Jan 2008 → …
Activity: Talks and presentations › Conference presentations