

## Short CV: Prof. Lars M. Kristensen, PhD

### Personal Information

Name: Lars M. Kristensen

Date of Birth: September 1, 1971

Nationality: Danish

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### Academic Degrees

- MSc in Computer Science and Mathematics, University of Aarhus, Denmark, June 1997.
- PhD in Computer Science, University of Aarhus, Denmark, April 2000.

### Academic Career

02/2009 – present Professor in Computer Science/Software Engineering,  
Western Norway University of Applied Sciences.

07/2007 – 01/2009 Associate Professor, Dept. of Comp. Science, University of Aarhus.

04/2005 – 06/2007 Research Associate Professor, Dept. of Comp. Science, University of Aarhus.

09/2002 – 03/2005 Research Assistant Professor, Dept. of Comp. Science, University of Aarhus.

08/2000 – 08/2002 Research Fellow, Computer Systems Engineering Centre, University of South  
Australia and the Australian Defense Science and Technology Organisation.

02/2000 – 08/2000 Research Assistant Professor, Dept. of Comp. Science, University of Aarhus.

### Selected Programme, Steering Committees, and Editorial Boards

- International Conference on Application and Theory of Petri Nets and Other Models of Concurrency, 2002, 2007, 2008, 2009, 2010, 2011 (PC co-chair), 2012, 2015, 2016, 2017.
- International Conference on Verification and Evaluation of Computer and Communication Systems, 2017, 2018.
- Workshop and tutorial co-chair for ICATPN 2017 and 2018.
- French Singaporean Workshop on Formal Methods and Applications, 2013, 2014
- International Workshop on Petri Nets and Software Engineering, 2009-2017.
- IEEE International Conference on Mobile Ad-hoc and Sensor Systems, 2011, 2012.
- Guest co-editor on special issue of Fundamenta Informaticae journal based on Petri Nets 2011.
- Guest co-editor on special volume of the LNCS Transaction on Petri Nets and Other Models of Concurrency on Protocols, Networks, and Services, 2012
- Editorial board for Transactions on Petri Nets and Other Models of Concurrency (ToPNoC), a subseries of Lecture Notes in Computer Science (LNCS) published by Springer.
- Member of the steering committee for the International Conference on Application and Theory of Petri Nets and Concurrency.
- Chair of the steering committee for the Norwegian Informatics Conference (since 2018)
- Member of the Norwegian Consultative Board on ICT (since 2015).
- Reader of Grant Applications for the Czech and Swiss Science Foundation.
- Reviewer for more than 30 international journals, conferences, and workshops.

### Bachelor and Master's Thesis Supervision

- Supervision of two honors theses at University of South Australia, three bachelor projects at Bergen University College, 20 master's theses in Computer Science at University of Aarhus, 10 master's theses in software engineering at Bergen University College, and currently supervising three master's projects at Bergen University College.

## PhD Supervision and Evaluation

- Currently supervising three research fellows within concurrent software systems engineering at Western Norway University of Applied Sciences.
- Fazle Rabbi: *MDE Techniques for Modelling and Analysis of Complex Software Systems*. Degree awarded 2017.
- Ajith Kumar: *A Dual-Mode Adaptive MAC Protocol (DMAMAC) for Process Control in Industrial Wireless Sensor Networks (IWSN)*. Degree awarded 2017.
- Kent. I.F. Simonsen: *Code Generation from Pragmatics Annotated Coloured Petri Nets*. Degree awarded 2014.
- M.T. Hansen. *Efficient Protocols and Middleware for Sensor Networks*. 2008-2009 (supervision ended with move to Bergen University College). Degree awarded 2012.
- J. Andersen. *Medical Sensor Network Infrastructures*. 2006-2010. Degree awarded 2010.
- J. Brøndsted. *Software Architecture and Communication in Mobile Environments*, University of Aarhus, 2004-2008. Supervised with K.M. Hansen. Degree awarded 2008.
- M. Westergaard. *Model Checking and State Space Methods*. University of Aarhus, 2003-2007. Jointly supervised with K. Jensen. Degree awarded 2007.
- C. Ouyang. *The Internet Open Trading Protocol*. University of South Australia, 2000-2002. Co-supervised with Prof. Jonathan Billington. Degree awarded 2004.
- Examiner (opponent) on 14 PhD theses (Denmark, Germany, Australia, Norway, Pakistan)

## Research Management and Administrative Experience

- Chair of the PhD committee for the PhD programme in Computer Science at Western Norway University of Applied Sciences.
- Acting Deputy Dean of Research at the Faculty of Engineering, Bergen University College, November 2013 – April 2014.
- Director of the strategic research programme on Software Technologies for Distributed Systems / ICT Engineering at Bergen University College, 2009 – 2017. The research programme resulted in the establishment of a PhD Programme in Computer Science.
- Member of the steering committee for the HiB-UiB joint master's degree in software engineering, 2012-present
- Member of the teaching committee for the Bachelor Programme in Computing and Information Technology at Bergen University College, 2012 – present
- Completed 3x3 day Research Leadership Programme organised by the research administration of University of Oslo, November 2011 – March 2012.
- Chair of the teaching committee for the Bachelor Programme in Computing and Information Technology at Bergen University College, 2010 - 2012

## Awards

The Research and Development Prize of Bergen University College, 2012. The prize is awarded to researchers at Bergen University College that have succeeded in research and development work of high quality in a regional and in an international context.

The Danish Independent Research Councils' Young Researcher's Award, 2007. The award was given in relation to the project *Advanced State Space Methods and Computer Tools for Verification of Communication Protocols*. The award is given to talented young researchers below the age of 35 who have earned recognition for their work to such an extent that is unusual for their age.

## Publications - Summary

Google scholar: Citations = 4779 and h-index = 27 [ <http://scholar.google.com/citations?user=-fjTtjIAAAAAJ&hl=en> ]

Cristin: <https://app.cristin.no/persons/show.jsf?id=330490>