

## CURRICULUM VITAE

Kurt Nielsen, Associate Professor

<b>Profile</b>	Kurt Nielsen has contributed to theory and real-life applications of market design, decision support systems in broad terms and information management systems. He has been involved in the project management of numerous projects that bring state-of-the-art research together with business applications and software solutions at different readiness levels. He has also experiences in bringing research out of universities as co-founder of three start-ups. Since 2004 he has co-initiated several cross-disciplinary large research projects involving computer science, economics and industry, recently Centre for the Foundation of Electronic Markets - CFEM.dk (2010-2016) and Big Data by Security (2015-2018).			
<b>Education</b>	2000	MSc Economics, University of Copenhagen (combined studies at University of Toronto)		
	2004	PhD Economics, University of Copenhagen (combined studies at University of California Berkeley and University of Adelaide)		
<b>Employment</b>	<b>Period</b>			
	2007 -	Associate professor, University of Copenhagen		
	2008 -	CEO in university spinout Partisia		
	2012 - 2013	Research expert on market design at Alexandra Institute		
	2004 - 2006	Assistant professor, University of Copenhagen		
	2000 - 2004	PhD student, University of Copenhagen		
<b>Professional activities</b>	2013 -	Board member of Sepior		
	2010 -	Board member of Energiauktion.dk		
	2009 -	Co-director of MSAP (research network)		
	2004 -	Occasional advisor on benchmarking, regulation and market design		
	2004 -	Assessment committees for several PhDs, new employees and referee of several international journals such as EJOR, EJAE, GDN.		
<b>Teaching activities the last 5 years</b>	<b>Period</b>	<b>Course name</b>	<b>BSc/MSc/PhD, ECTS</b>	<b>Responsible (Y/N)</b>
	2013 - 2017	Contracts and Cooperatives	MSc, 7,5 ECTS	Y
	2013	Guest lecture at CBS elite program	MSc	N
	2013	Guest lecture in Decision Theory	BSc, 7,5 ECTS	N
	2012	Guest lecture Agribusiness and inno	MSc, 7,5 ECTS	N
	- 2011	Decision Theory	BSc, 7,5 ECTS	Y

## PUBLICATIONS AND GRANTS

### Selected publications (maximum of 10 publications)

Franco de los Ríos, C, Hougaard, JL & Nielsen, K (2017), 'Learning preferences and attitudes by multi-criteria overlap dominance and relevance functions' *Applied Soft Computing*.

Franco de los Ríos, C., Hougaard, J. L., & Nielsen, K. (2017). Clustering alternatives and learning preferences based on decision attitudes and weighted overlap dominance. I V. Torra, A. Dahlbom, & Y. Narukawa (red.), *Fuzzy Sets, Rough Sets, Multisets and Clustering*. (s. 337-347). Springer International Publishing.

Damgård, I, Damgård, KL, Nielsen, K, Nordholt, PS & Toft, T (2017), Confidential benchmarking based on multiparty computation. i J Grossklags & B Preneel (red), *International Conference on Financial Cryptography and Data Security*. Springer, Lecture Notes in Computer Science, bind. 9603, s. 169-187.

Hougaard, J. L., Nielsen, K., Papakonstantinou (2016). A. A sealed-bid two-attribute yardstick auction without prior scoring. *Group Decision and Negotiation*, 25(4), 827-843.

Franco, C., Bojesen, M., Hougaard, J. L., & Nielsen, K. (2015). A fuzzy approach to a multiple criteria and Geographical Information System for decision support on suitable locations for biogas plants. *Applied Energy*, 140, 304-315.

Bogetoft, P., & Nielsen, K. (2012). Efficient and confidential reallocation of contracts: how The Danish sugar industry adapted to the new sugar regime. *Z f B*, 82(2), 165-180.

J.L. Hougaard and K. Nielsen (2011). Weighted overlap dominance – a procedure for interactive selection on multidimensional interval data, *Applied Mathematical Modeling* 35 (8), pp. 3958-3969.

P. Bogetoft et al. (2009). Multiparty computation goes live, *Financial Cryptography*.

Bogetoft, P., & Nielsen, K. (2008). Dea based auctions. *European Journal of Operational Research*, 184(2), 685-700.

Bogetoft, P., Boye, K., Neergaard-Petersen, H., & Nielsen, K. (2007). Reallocating sugar beet contracts: can sugar production survive in Denmark? *European Review of Agricultural Economics*, 34(1), 1-20.

Bogetoft, P., Nielsen, K., & Olesen, H. B. (2003). The single-bid restriction on milk quota exchanges. *European Review of Agricultural Economics*, 30(2), 193-215.

### Grants (maximum of 5 grants)

2016-2020: Tech4Effect, H2020 DKK 3,5 million (total DKK 37,5 million), participant.

2015-2018: Big Data by Security, Industriens Fond, DKK 2,4 million (total DKK 7,5 million) co-initiator and project leader.

2010-2016: Center for the Foundation of Electronic Markets (CFEM), The strategic research council DKK 3 million (total DKK 26,5 million) co-initiator and work package leader.

2010-2013: Confidential Benchmarking (COBE), The independent research fund Denmark, DKK 0,8 million (total DKK 4,8 million) co-initiator and work package leader.

2006-2010: Secure Information Management and Processing (SIMAP), The strategic research council, DKK 3,6 million (total DKK 9,6 million) co-initiator and work package leader.