Curriculum Vitae Dick H.J. Epema (short version)

November 2019

Professor of Computer Science (Chair Section Distributed Systems)
Faculty of Electrical Engineering, Mathematics, and Computer Science
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Current positions	Professor of Computer Science in *Distributed Systems*, • Research areas: distributed data processing, scheduling in distributed computing systems, cooperative systems	2015-
	Director *Delft Blockchain Lab*	2017-
	Director Faculty Graduate school	2019-
Previous positions	Assistant professor of Computer Science, Leiden University	1983-1984
	Assistant professor of Computer Science, TU Delft	1984-1999
	Associate professor of Computer Science, TU Delft	1999-2015
	Part-time professor of Computer Science in *Decentralized Distributed Systems,* Eindhoven University of Technology	2011-2016
Visiting positions	Visiting Scientist, IBM T.J. Watson Research Center	1987-1988
	Visiting Scientist, IBM T.J. Watson Research Center	1991
	Visiting Lecturer, KU Leuven, Belgium	1992
	Visiting Scientist, IBM T.J. Watson Research Center	1998
	Sabbatical University of California at Santa Barbara (UCSB)	2009
Education	MSc and PhD in Mathematics, Leiden University	1979, 1983
	MSc Computer Science, TU Delft	1988
PhD supervision	18 PhD theses supervised (10in scheduling and distributed data processing, 8 in cooperative systems), 8 currently supervised	
Current research projects	Distributed ASCI Supercomputer (DAS5 and DAS6, infrastructure)	2011-2023
	Delft Blockchain Lab	2017-
Main previous research projects	Two-Level Peer-to-Peer Systems (NWO)	2002-2008
	CoreGRID (EU FP6 Network of Excellence)	2004-2008
	I-Share (P2P systems, Dutch Government)	2004-2009
	Virtual Lab for eScience (VL-e, Dutch Government)	2004-2010
	P2P-Fusion (EU FP6)	2006-2009
	GUARD-G (grid computing, NWO)	2006-2012
	Resource Management across Clouds (EIT ICT Labs)	2012
	Infrastructure Virtualization for eScience (IV-e, COMMIT/NL)	2011-2017
Key publications	D.H.J. Epema, M. Livny, R. van Dantzig, X. Evers, and J. Pruyne, "A Worldwide Flock of Condors: Load Sharing among Workstation Clusters," *Future Generation Computer Systems*, Vol. 12, 1996.	

	D.H.J. Epema, "Decay-Usage Scheduling in Multiprocessors," *ACM Trans. on Computer Systems*, Vol. 16, 1998. A.I.D. Bucur and D.H.J. Epema, "Scheduling Policies for Processor Co-Allocation in Multicluster Systems," *IEEE Trans. on Parallel and Distributed Systems*, Vol. 18, 2007. P. Garbacki, D.H.J. Epema, and M. van Steen, "The Design and Evaluation of a Self-Organizing Super-Peer Network," *IEEE Trans. on Computers*, Vol. 59, 2010. B.I. Ghit, N. Yigitbasi, A. Iosup, and D.H.J. Epema, "Balanced Resource Allocations across Multiple Dynamic MapReduce Clusters," *ACM Sigmetrics*, 2014. B.I. Ghit and D.H.J. Epema, "Better Safe than Sorry: Grappling with Failures of in-Memory Data Analytics Frameworks," *HPDC*, 2017.	
Bibliometrics	Google Scholar: 49; Google Scholar citations: 11,300	
Awards	Best-paper awards: IEEE P2P 2006, CCGrid 2010, MASCOTS 2013, ACM SAC 2014; Winner SCALE Challenge 2014 at CCGrid	
Keynote presentations	*IEEE Int'l Conf. on Peer-to-Peer Computing* *IEEE/ACM Int'l Symp. on Cluster, Cloud and Grid Computing*	2011 2012
Valorization/ technology transfer	Condor Flocking, The Tribler peer-to-peer systems, the KOALA Multicluster scheduler, the archives (Grid Workloads, Peer-to-Peer Traces, Failure Traces), blockchain	
Community service	Initiator and Co-chair of the *Workshop on Large-scale Systems and Application Performance* (LSAP, in conjunction with HPDC) General and Program Co-chair of *Euro-Par* Program Vice-Chair Performance Modeling and Evaluation of CCGrid General Co-chair of the *10th IEEE Int'l Conf. on P2P Computing* General Chair of the *21st ACM Symp. on High-Performance Parallel and Distributed Computing* General Chair of the *13th IEEE/ACM Int'l Symp. on Cluster, Cloud, and Grid Computing* (CCGrid) Program Co-chair of the *22nd ACM Symp. on High-Performance Parallel and Distributed Computing* (HPDC) Area Program Chair of *Supercomputing* for the area *Clouds and Distributed Computing*	2009-2011 2009 2010 2010 2012 2013 2013 2016
Membership steering committees	*IEEE Int'l Conference on Peer-to-Peer Computing* *IEEE/ACM Int'l Symposium on Cluster, Cloud and Grid Computing* *ACM Int'l Symposium on High-Performance Parallel and Distributed Computing*	2010-2015 2010- 2012-2016
Editorships	*IEEE Transaction on Parallel and Distributed Systems* (TPDS) *IEEE Transactions on Cloud Computing* (TCC)	2008-2014 2013-2019
Current courses	Distributed Algorithms (MSc level), Cloud Computing (MSc level), Advanced Blockchain Engineering (PhD level)	
MSc supervision	Over 100 MSc students supervised	