

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

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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 <i>Distributed Systems</i> , Delft University of Technology <ul style="list-style-type: none"> Research areas: distributed data processing, scheduling in distributed computing systems, cooperative systems 	2015-
Previous positions	Assistant professor of Computer Science, Leiden University Assistant professor of Computer Science, TU Delft Associate professor of Computer Science, TU Delft Part-time professor of Computer Science in <i>Decentralized Distributed Systems</i> , Eindhoven University of Technology	1983-1984 1984-1999 1999-2015 2011-2016
Visiting positions	Visiting Scientist, IBM T.J. Watson Research Center Visiting Scientist, IBM T.J. Watson Research Center Visiting Lecturer, KU Leuven, Belgium Visiting Scientist, IBM T.J. Watson Research Center Sabbatical University of California at Santa Barbara (UCSB)	1987-1988 1991 1992 1998 2009
Education	MSc and PhD in Mathematics, Leiden University MSc Computer Science, TU Delft	1979, 1983 1988
PhD supervision	16 PhD theses supervised to completion (8 in grids/clouds, 8 in peer-to-peer systems), 5 currently supervised	
Current research projects	Infrastructure Virtualization for eScience (IV-e, COMMIT/NL) Distributed ASCI Supercomputer (DAS5, infrastructure)	2011-2017 2015-2019
Main previous research projects	Two-Level Peer-to-Peer Systems (NWO) CoreGRID (EU FP6 Network of Excellence) I-Share (P2P systems, Dutch Government) Virtual Lab for eScience (VL-e, Dutch Government) P2P-Fusion (EU FP6) GUARD-G (grid computing, NWO) Resource Management across Clouds (EIT ICT Labs)	2002-2008 2004-2008 2004-2009 2004-2010 2006-2009 2006-2012 2012
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," <i>Future Generation Computer Systems</i> , Vol. 12, 1996.	

	D.H.J. Epema, "Decay-Usage Scheduling in Multiprocessors," <i>ACM Trans. on Computer Systems</i> , Vol. 16, 1998.	
	A.I.D. Bucur and D.H.J. Epema, "Scheduling Policies for Processor Co-Allocation in Multicluster Systems," <i>IEEE Trans. on Parallel and Distributed Systems</i> , Vol. 18, 2007.	
	P. Garbacki, D.H.J. Epema, and M. van Steen, "The Design and Evaluation of a Self-Organizing Super-Peer Network," <i>IEEE Trans. on Computers</i> , Vol. 59, 2010.	
	B.I. Ghit, N. Yigitbasi, A. Iosup, and D.H.J. Epema, "Balanced Resource Allocations across Multiple Dynamic MapReduce Clusters," <i>ACM Sigmetrics</i> , 2014.	
Bibliometrics	Google Scholar: 44; Google Scholar citations: 8040	
Awards	Best-paper awards: IEEE P2P 2006, CCGrid 2010, MASCOTS 2013, ACM SAC 2014; Winner SCALE Challenge 2014 at CCGrid	
Keynote presentations	<i>IEEE Int'l Conf. on Peer-to-Peer Computing</i>	2011
	<i>IEEE/ACM Int'l Symp. on Cluster, Cloud and Grid Computing</i>	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)	
Community service	Initiator and Co-chair of the <i>Workshop on Large-scale Systems and Application Performance</i> (LSAP, in conjunction with HPDC)	2009-2011
	General and Program Co-chair of <i>Euro-Par</i>	2009
	Program Vice-Chair Performance Modeling and Evaluation of CCGrid	2010
	General Co-chair of the <i>10th IEEE Int'l Conf. on P2P Computing</i>	2010
	General Chair of the <i>21st ACM Symp. on High-Performance Parallel and Distributed Computing</i>	2012
	General Chair of the <i>13th IEEE/ACM Int'l Symp. on Cluster, Cloud, and Grid Computing</i> (CCGrid)	2013
	Program Co-chair of the <i>22nd ACM Symp. on High-Performance Parallel and Distributed Computing</i> (HPDC)	2013
	Area Program Chair of <i>Supercomputing</i> for the area <i>Clouds and Distributed Computing</i>	2016
Membership steering committees	<i>IEEE Int'l Conference on Peer-to-Peer Computing</i>	2010-2015
	<i>IEEE/ACM Int'l Symposium on Cluster, Cloud and Grid Computing</i>	2010-
	<i>ACM Int'l Symposium on High-Performance Parallel and Distributed Computing</i>	2012-2016
Editorships	<i>IEEE Transaction on Parallel and Distributed Systems</i> (TPDS)	2008-2014
	<i>IEEE Transactions on Cloud Computing</i> (TCC)	2013-
Current courses	Operating Systems (BSc), Distributed Algorithms, Cloud Computing, High-Performance Computing (MSc)	
MSc supervision	Over 80 MSc students supervised	