Curriculum Vitae

Name: Kjell Harald Gjermundrød

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Personal: **Birthday:** 27/10/1975
Marital status: Married

Education: **Undergraduate work:**
BSc, Computer Science, Washington State University, May 1999
Dipl. Ing, Computer Science, Oslo University College, May 1998

Graduate work:
PhD, Computer Science, Washington State University, July 2006
MSc, Computer Science, Washington State University, May 2001

Postgraduate work:
Research Associate, High Performance Computing systems Laboratory (HPCL), University of Cyprus, August 2006 – August 2008

Positions Held:

1) Aug. 2018 – present: Department of Computer Science
School of Sciences and Engineering
University of Nicosia, Cyprus
    Position: Professor

2) Jan. 2013 – Jul. 2018:   Department of Computer Science
School of Sciences and Engineering
University of Nicosia, Cyprus
    Position: Associate Professor

3) Jan. 2010 – Dec. 2013:   School of Electrical Engineering and Computer Science, Washington State University, Pullman, WA, USA
    Position: Adjunct Faculty

4) Sep. 2008 – Dec. 2012:   Department of Computer Science, School of Sciences, University of Nicosia, Cyprus
    Position: Assistant Professor

5) Jun. 2009 – Aug. 2009:   School of Electrical Engineering and Computer Science, Washington State University, Pullman, WA, USA

	Position:	Research Fellow

6) Aug. 2006 – Aug. 2008:   High Performance Computing systems Laboratory (HPCL), University of Cyprus
   Position: Research Associate
   Activity: Involved in the following EU-sponsored projects:
   • EU g-Eclipse, #IST-2006-032327: Leader for WP3 (Operator Perspective)
   • EU Enabling Grids for E-sciencE (EGEE), #IST-2003-508833: Involved in WP SA3 (Integration) and NA4 (User Support & Applications)
   • EU CoreGRID Network of Excellence, #IST-2002-004265: Involved with the ICGrid project.

7) Aug. 2005 – May 2006:   School of Electrical Engineering and Computer Science, Washington State University, Pullman, WA, USA
   Position: Research Assistant
   Activity: Research funded by National Science Foundation Grant NSF CNS 05-24695.

8) Aug. 2004 – Dec. 2004:   School of Electrical Engineering and Computer Science, Washington State University, Pullman, WA, USA
   Position: Teaching Assistant
   Activity: Provided instruction in distributed systems using CORBA with Java and C++.

9) Jan. 2004 – Dec. 2004:   School of Electrical Engineering and Computer Science, Washington State University, Pullman, WA, USA
   Position: Research Assistant
   Activity: Research funded by National Science Foundation Grant CCR-0326006US Department of Commerce.

10) Aug. 2003 – Dec. 2003:   School of Electrical Engineering and Computer Science, Washington State University, Pullman, WA, USA
   Position: Teaching Fellowship
   Activity: Instructor for a second year programming course with 80 students.

11) Jan. 2003 – May 2005:   School of Electrical Engineering and Computer Science, Washington State University, Pullman, WA, USA
   Position: Project Supervisor
   Activity: Supervised 3 undergraduate projects sponsored by Avista Utilities in collaboration with Pacific Northwest National Laboratory.

12) Jan. 2002 - Aug. 2003:   School of Electrical Engineering and Computer
Science, Washington State University, Pullman, WA,
USA
- Position: Research Assistant
- Activity: Research funded by National Institute of Standards and
Technology Grant #60NANB1D0016.

13) May 2001 – Aug. 2001:   TriGeo Network Security, Post Falls, USA.
- Position: Software Engineer
- Activity: Designed and developed a secure communication layer.

14) Aug. 1999 - May 2001:   School of Electrical Engineering and Computer
Science, Washington State University, Pullman, WA,
USA
- Position: Research Assistant
- Activity: Research programmer sponsored by industry.

15) Jan. 1999 - May 1999:   School of Electrical Engineering and Computer
Science, Washington State University, Pullman, WA,
USA
- Position: Teaching Assistant
- Activity: Provided laboratory instruction in data structures and
C++.

16) May 1999 – Aug. 1999
May 1998 – Aug. 1998:   Locus AS, Sandefjord, Norway
- Position: Software Engineer
- Activity: Designed and developed mechanisms for mobile
devices using GSM-Data and TetraNet.

Areas of Concentration/ Research Interests:
Distributed Computing Systems, Computer Security, Cyber Security, Data Protection,
and Blockchain Technology.

Professional Associations

Organization/field	Title
ACM	Senior Member
IEEE & IEEE Computer Society	Member
Cyprus Computer Society	Member
Eclipse	Alumni Committer

ACM, Cyprus Chapter
- Chair (Feb. 2015 – Mar. 2018)

European Cooperation in Science and Technology (COST) Member
- ICT Action IC0805 Agreement Technologies, WG2 (Nov. 2009 – Jun. 2013)

Funding:
Research Grants Obtained
- Independent Researcher
  - €177,099.60 (allocated budget for CCS partner), "Building Enterprises - Wireless and Internet Security in European Regions (Be Wiser)", FP7-Regions-2012-2013-1: Transnational cooperation between regional research-driven clusters, Independent Researcher under Cyprus Computer Society (CCS), July 2013 – June 2016 (36 months)
- University of Nicosia Research Foundation, Primary Investigator
  - €99,164, ReProTool, "A Software Tool for the ECTS and Bologna Process Re-engineering of University Programmes", Cyprus Research Promotion Foundation, DESMI 2009 – 2010, Feb. 2012 – Jul. 2013, (ranked first in its category)
    Role: Work Package Leader for WP5 - Software Development, WP6 - Testing and Beta Release
  - €138,883, "Numerical Simulation of the Effect of Extended Heat Conduction Law on Natural Convective Flow in Porous Media", Cyprus Research Promotion Foundation, DESMI 2009 – 2010, (Called for negotiation which failed)
- Washington State University, Research Fellow
  - $15,000, "CT-CS: Trustworthy Cyber Infrastructure for the Power Grid (TCIP)", National Science Foundation (Grant CNS 05-24695), Research Fellow (with co-PI privileges), Washington State University, Jun. 2009 – Aug. 2009
  - $7,500, "Status Dissemination Mechanisms", Trigeo Network Security Company, Aug. 2001 – Dec. 2001

Travel Grants
- 580€, Financial Support for Faculty Development, University of Nicosia, Dec. 2015.
- 1270€, Financial Support for Faculty Development, University of Nicosia, Aug. 2014.
- 370€, Financial Support for Faculty Development, University of Nicosia, May 2014.
- 603€, Financial Support for Faculty Development, University of Nicosia, May 2012.
- 720€, Financial Support for Faculty Development, University of Nicosia, Jun. 2011
- 510€, Financial Support for Faculty Development, University of Nicosia, May 2011
- 1150€, Financial Support for Faculty Development, University of Nicosia, Jan. 2010
- 685€, Financial Support for Faculty Development, University of Nicosia, Nov. 2009

PhD Funding (Aug 2001 – Jul 2006)
- US National Science Foundation Grant NSF CNS 05-24695
- US National Science Foundation Grant CCR-0326006US
- US National Institute of Standards and Technology Grant #60NANB1D0016

Awards/Distinctions:
1) Poster Award, 3rd place
    I. Philippos Pouyioutas, Harald Gjermundrod, and Ioanna Dionysiou, "REPROTOOL Version 1.0: Support for Learning Outcomes", UNICA seminar on "Recognition in Higher Education: how to make it work!", Tallinn, Estonia, Jun. 2010.
2) Paper Award:
    I. I. Dionysiou, H. Gjermundrød, and D. E. Bakken, "An Initial Approach on Adaptive Trust for Grid Environments", Proceedings of the First Workshop on Computational Trust for Self-Adaptive Systems (Selftrust), part of Adaptive 2009, pp 719-722, Athens, Greece, Nov. 2009.
3) Demo Award:
    I. Philippos Pouyioutas, Harald Gjermundrod, Ioanna Dionysiou, Vasilis Rigas, and Euclid Keramopoulos, "The Student Module of ReProTool – Allowing Student Input in ECTS Re-Engineering of University Programmes" 8TH International Competition of Non-Commercial Software Systems, Tools and Products For Technology-Based Education, (Selected as finalists), Napoli, Italy, Jun. 2012.
    II. D. Zeinalipour-Yazti, M. D. Dikaiakos, M. Papas, H. Gjermundrod, T. Kyprianou, and G. Panayi, "ICGrid: Intensive Care Grid", CoreGRID Industrial Conference, Sophia Antipolis, France, (prize: 10K Euros), Nov. 2006.
4) Teaching Fellowship awarded by Washington State University School of Electrical Engineering and Computer Science, Aug. 2003 – Dec. 2003.
5) Outstanding student employee, Washington State University School of Electrical Engineering and Computer Science, 1998 – 1999.

Languages:
1) Norwegian: native
2) English: fluent

Research & Publications

Doctoral Dissertation:
Kjell Harald Gjermundrød. "Flexible QoS-Managed Status Dissemination Middleware Framework for the Electric Power Grid". Dissertation wsu e4 2006 g54, Washington State University, Pullman, WA, July 2006.

Master Thesis:
Kjell Harald Gjermundrød. "An implementation and interface incorporating computer security using the meta-object model". Thesis wsu e4 2001 g5, Washington State University, Pullman, WA, May 2001.

Book Chapters
1) Harald Gjermundrød (2018) "SDN helps Value in Big-Data", Big Data and Software Defined Networks, Chapter 11, Editor J. Taheri, IET Book Series on Big Data, The Institution of Engineering and Technology, ISBN: 978-1-78561-304-3, pp. 229 – 251, Institution of Engineering and Technology.

2) David E. Bakken, Harald Gjermundrod, and Ioanna Dionysiou (2014) "GridStat: High Availability, Low Latency and Adaptive Sensor Data Delivery for Smart Generation and Transmission", in Smart Grids: Clouds, Communications, Open Source, and Automation, Taylor & Francis Group, ISBN: 9781482206111, pp. 55 – 114, CRC Press.

3) J. Luna, M. Flouris, M. Marazakis, A. Bilas, M. D. Dikaiakos, H. Gjermundrod, Th. Kyprianou (2008) "A Data-centric Security Analysis of ICGrid", Grid Computing: Achievements and Prospects. S. Gorlatch, P. Fragopoulou, T. Priol (Eds.), pp. 197 – 208, Springer.

Journal Articles

1) Harald Gjermundrød and Ioanna Dionysiou (2015) "A Conceptual Framework for Configurable Privacy-Awareness in a Citizen-Centric eGovernment", International Journal of Electronic Government, Vol. 11, No. 4, DOI: 10.1504/EG.2015.071398, pp. 258 – 282, Inderscience.

2) Ioanna Dionysiou, Philippos Pouyioutas, Harald Gjermundrod, Chrystalla Miltiadou, and Theodora Ioannou (2012) "A Technological Approach for Evaluating the Sustainability Performance of Housing Developments", International Journal for Infonomics (IJI), Volume 5, Issue 1/2, ISSN: 1742-4712, pp. 557 – 567, Infonomics Society.

3) Philippos Pouyioutas, Harald Gjermundrod, and Ioanna Dionysiou (2012) "ReProTool Version 2.0 – Re-engineering Academic Curriculum Using Learning Outcomes, ECTS and Bologna Process Concepts", Interactive Technology and Smart Education, Volume 9 Issue 3, ISSN: 1741-5659, pp. 136 – 152, Emerald.

4) Philippos Pouyioutas, Harald Gjermundrod, Ioanna Dionysiou, and Michalis Michael (2011) "Mapping National Qualifications Frameworks and Awards using MapQFTool", International Journal for Digital Society, Volume 2, Issue 3, ISSN: 2040-2570, pp. 495 – 501, Infonomics Society.

5) Nikolas Stylianides, Marios D. Dikaiakos, Harald Gjermundrød, George Panayi, and Theodoros Kyprianou (2011) "Intensive Care Window: Real-Time Monitoring and Analysis in the Intensive Care Environment", IEEE Transactions on Information Technology in Biomedicine, Vol. 15, No 1, pp. 26–32, IEEE.

6) Harald Gjermundrod, David E. Bakken, Carl H. Hauser, and Anjan Bose (2009) "Gridstat: A flexible QoS-managed data dissemination framework for the power grid", IEEE Transactions on Power Systems, Vol. 24, Issue 1, pp. 136–143, IEEE.

7) Carl H. Hauser, David E. Bakken, Ioanna Dionysiou, K. Harald Gjermundrod, Venkata Irava, Joel Helkey, and Anjan Bose (2007) "Security, trust and QoS in next-generation control and communication for large power systems", International Journal of Critical Infrastructures (Interscience), Vol. 4, No 1-2, pp. 3–16, Wiley InterScience.

8) P. Wolniewicz, N. Meyer, M. Stroinski, M. Stuempert, H. Kornmayer, M. Polak, H. Gjermundrod (2007) "Accessing Grid computing resources with g-Eclipse

platform", Computational Methods in Science and Technology (CMST), Vol. 13, No 2, pp. 131–141, Scientific Publishers OWN.

Refereed Conference & Workshop Proceedings

1) Harald Gjermundrød, Konstantinos Chalkias, and Ioanna Dionysiou (2016) "Going Beyond the Coinbase Transaction Fee: Alternative Reward Schemes for Miners in Blockchain Systems", 20th Panhellenic Conference on Informatics (PCI2016), pp. 35:1 – 35:4, November 10–12, Patra, Greece.

2) Harald Gjermundrød, Ioanna Dionysiou, Marianne Baumberger and Marc Pattinson (2016) "An assessment of the ICT Security Skills in the Industrial Sector as Provided Through Education and Training", 10th Mediterranean Conference on Information Systems (MCIS'16), pp. 1 – 12, September 4 – 6, Paphos, Cyprus.

3) Harald Gjermundrød, Ioanna Dionysiou and Kyriakos Costa (2016) "privacyTracker: A Privacy-by-Design GDPR-Compliant Framework with Verifiable Data Traceability Controls", 2nd International Workshop on TEchnical and LEgal aspects of data pRIvacy and SEcurity (TELERISE 2016) in conjunction with 16th International Conference on Web Engineering, pp. 3 – 15, June 6 – 9, Lugano, Switzerland.

4) Harald Gjermundrød and Ioanna Dionysiou (2015) "CloudHoneyCY - An Integrated Honeypot Framework for Cloud Infrastructures", 1st International Workshop on Information Security, Assurance and Reliability in the Cloud (WISARC) in conjunction with 8th IEEE/ACM International Conference on Utility and Cloud Computing, pp. 630 – 635, December 7–10, Limassol, Cyprus.

5) Andreas Christoforou, Harald Gjermundrød and Ioanna Dionysiou (2015) "HoneyCY: A Configurable Unified Management Framework for Open-Source Honeypot Services", 19th Panhellenic Conference on Informatics (PCI2015), pp. 161 – 164, October 1–3, Athens, Greece.

6) Petros Zaris and Harald Gjermundrød (2014) "NoteLocker: Simple Secure Storage Service", Workshop on Privacy-Preserving Cyberspace Safety and Security hosted under 6th International Symposium on Cyberspace Safety and Security (CSS2014), pp. 1237 – 1244, August 20–22, Paris, France.

7) Harald Gjermundrod and Ioanna Dionysiou (2014) "Recirculating Lost Coins in Cryptocurrency Systems", The 1st Workshop on Digital Currencies (DC 2014), Lecture Notes in Business Information Processing series, Volume 183, Springer Verlag, pp. 229–240, May 22, Larnaca, Cyprus.

8) Philippos Pouyioutas, Harald Gjermundrod, Andreas Kyriacos, and Ioanna Dionysiou (2014) "A mobile application for the student module of Reprotool", 8th International Technology, Education and Development Conference, pp. 3509–3519, 10–12 March, Valencia, Spain.

9) Philippos Pouyioutas, Ioanna Dionysiou, and Harald Gjermundrod (2013) "The Pilot Use and Evaluation of ReProTool Version 3.0", International Conference on

Education and New Learning Technologies (EDULEARN13), pp. 4450-4460, 1 – 3 July, Barcelona, Spain.

10) Philippos Pouyioutas, Ioanna Dionysiou, and Harald Gjermundrod (2013) "ReProTool Version 3.0 – The Faculty Module for Designing and Enhancing University Programmes to Comply with the ECTS Label", The IEEE Global Engineering Education Conference (EDUCON), pp. 16 – 22, 13 – 15 Mar., Berlin, Germany.

11) Nikolas Stylianides, Harald Gjermundrød, Marios D. Dikaiakos, and Theodoros Kyprianou (2012) "Intensive Care Cloud: Exploiting cloud infrastructures for near real-time vital sign analysis in intensive care medicine", The 12[Th] IEEE International Conference on BioInformatics and BioEngineering (BIBE2012), pp. 1 – 6, 11 – 13 Nov., Larnaca, Cyprus.

12) Philippos Pouyioutas, Harald Gjermundrod, and Ioanna Dionysiou (2012) "E-learning - The Bologna Process, the European Credit Transfer System (ECTS), Learning Outcomes and ReProTool", The 11th International Conference on Web-based Learning (ICWL 2012), pp. 334 – 342, 2 – 4 Sep., Sinaia, Romania.

13) Philippos Pouyioutas, Harald Gjermundrod, Ioanna Dionysiou, Vasilis Rigas, and Euclid Keramopoulos (2012) "The Student Module of ReProTool – Allowing Student Input in ECTS Re-Engineering of University Programmes", The 15th IASTED International Conference on Computers and Advanced Technology in Education (CATE 2012), pp. 242 – 247, Napoli, Italy.

14) Ioanna Dionysiou and Harald Gjermundrod (2012) "sGUTS: Simplified Grid User Trust Service for Site Selection", The 7th International Conference on Internet Monitoring and Protection (ICIMP'12), pp. 40 – 46, Stuttgart, Germany.

15) Philippos Pouyioutas, Harald Gjermundrod, and Ioanna Dionysiou (2012) "ReProTool, A Software Tool for the ECTS and Bologna Process Re-engineering of University Programmes", IADIS International Conference e-Society, pp. 19 – 26, Berlin, Germany.

16) Ioanna Dionysiou, Philippos Pouyioutas, Harald Gjermundrod, Chrystalla Miltiadou, and Theodora Ioannou (2011) "A Software Tool for Evaluating the Sustainability Performance of Housing Developments", WCST-2011, pp. 26 – 31, London, UK.

17) Philippos Pouyioutas, Harald Gjermundrod, Ioanna Dionysiou, and Michalis Michael (2011) "MapQFTool, A Software Tool for National Qualification Frameworks", eChallenges (e-2011), pp. 1 – 9, Florence, Italy.

18) H. Gjermundrød, D. E. Bakken, and C. H. Hauser (2011) "Scalable Wide-Area Multicast with Temporal Rate Filtering Distribution Framework", 11th IEEE International Conference on Scalable Computing and Communications (SCALCOM'2011), pp. 1 – 8, Paphos, Cyprus.

19) Philippos Pouyioutas, Harald Gjermundrod, Ioanna Dionysiou, and Michalis Michael (2011) "MapQFTool, A Software Tool to Support National Qualifications Frameworks", Intl Conference on i-Society, pp. 198 – 203, London, UK.

20) Philippos Pouyioutas, Harald Gjermundrød, and Ioanna Dionysiou (2011) "The Development of MapQFTool: A Software Tool for National Qualifications Frameworks", 3rd International Conference of Computer Supported Education, Vol 2, pp. 273 – 279, Noordwijkerhout, Netherlands.

21) David E. Bakken, Carl Hauser, and Harald Gjermundrød (2010) "Delivery Requirements and Implementation Guidelines for the NASPInet Data Bus", First IEEE International Conference on Smart Grid Communications (SmartGridComm '10), pp. 37-42, Maryland, USA.

22) Daniel Germanus, Ioanna Dionysiou, Harald Gjermundrød, Abdelmajid Khelil, Neeraj Suri, David E. Bakken, and Carl Hauser (2010) "Leveraging the Next-Generation Power Grid: Data Sharing and Associated Partnerships", IEEE PES Conference on Innovative Smart Grid Technologies Europe, pp. 1–8, Gothenburg, Sweden.

23) Ioanna Dionysiou, Harald Gjermundrød, and Dave Bakken (2010) "GUTS: A Framework for Adaptive and Configurable Grid User Trust Service", 6th International Workshop on Security and Trust Management (STM 2010), LNCS series, Springer-Verlag, pp. 84– 99, Athens, Greece.

24) Philippos Pouyioutas, Harald Gjermundrød, and Ioanna Dionysiou (2010) "The Development of ReproTool: A Software Tool for Developing Programmes Using Learning Outcomes", In IADIS International Conference e-Learning (EL 2010), Volume II, pp. 96–100, Freiburg, Germany.

25) Philippos Pouyioutas, Harald Gjermundrød, and Ioanna Dionysiou (2010) "The Development of TunTool, a Software Tool for the Tuning Methodology", In 2nd International Conference of Computer Supported Education, Volume II, pp. 401– 406, Valencia, Spain.

26) E. Viddal, D. E. Bakken, H. Gjermundrød, and C. H Hauser (2010) "Wide-Area Actuator RPC over GridStat with Timeliness, Redundancy, and Safety", In International Conference on Complex, Intelligent and Software Intensive Systems (CISIS'10), pp. 17–24, Krakow, Poland.

27) H. Gjermundrød, D. E. Bakken, and C. H. Hauser (2009) "Integrating an Event Pattern Mechanism in a Status Dissemination Middleware", In The First International Conferences on Pervasive Patterns and Applications, pp. 259–264, Athens, Greece.

28) S. Abelsen, H. Gjermundrød, D. E. Bakken, and C. H. Hauser (2009) "Adaptive Data Stream Mechanism for Control and Monitoring Applications", In The First International Conference on Adaptive and Self-adaptive Systems and Application, pp. 86–91, Athens, Greece.

29) I. Dionysiou, H. Gjermundrød, and D. E. Bakken (2009) "An Initial Approach on Adaptive Trust for Grid Environments", Proceedings of the First Workshop on Computational Trust for Self-Adaptive Systems (Selftrust), part of Adaptive 2009, pp. 719–722, Athens, Greece **(Best Paper Award)**.

30) H. Gjermundrod, M. D. Dikaiakos, M. Stuempert, P. Wolniewicz, and H. Kornmayer (2008) "g-Eclipse - An Integrated Framework to Access and Maintain Grid Resources", 9th IEEE/ACM International Conference on Grid Computing (Grid 2008), pp. 57–64, Tsukuba, Japan.

31) J. Luna, M. D. Dikaiakos, H. Gjermundrod, M. Flouris, M. Marazakis, and A. Bilas (2008) "Using the gLite middleware to implement a Secure Intensive Care Grid System", 3rd CoreGRID Workshop on Grid Middleware (During OGF23 2008), Post-proceedings published in "Grid and Services Evolution" Springer pp. 87–101, Barcelona, Spain.

32) H. Kornmayer, M. Stumpert, H. Gjermundrod, and P. Wolniewicz (2008) "g-Eclipse- a contextualised framework for Grid users, Grid resource providers and Grid application developers", International Conference on Computational Science, pp. 399–408, Krakow, Poland.

33) H. Gjermundrod, N. Loulloudes, M. D. Dikaiakos, P. Wolniewicz, N. Meyer, M. Stuempert, and H. Kornmayer (2008) "g-Eclipse: a Middleware-Independent Framework to Access and Maintain Grid Resources", CoreGRID Integration Workshop (Integrated Research in Grid Computing), pp. 359–370, Crete, Greece.

34) J. Luna, M. Flouris, M. Marazakis, A. Bilas, M. D. Dikaiakos, H. Gjermundrod, Th. Kyprianou (2008) "A Data-centric Security Analysis of ICGrid", CoreGRID Integration Workshop (Integrated Research in Grid Computing), pp. 165–176, Crete, Greece.

35) H. Gjermundrod, M. Papa, D. Zeinalipour-Yazti, M. D. Dikaiakos, G. Panayi, and Th. Kyprianou (2007) "Intensive care window: A multi-modal monitoring tool for intensive care research and practice", 20th IEEE Symposium on Computer-Based Medical Systems, pp. 471–476, Maribor, Slovenia.

36) H. Gjermundrod, M. D. Dikaiakos, D. Zeinalipour-Yazti, G. Panayi, and Th. Kyprianou (2007) "ICGrid: Enabling intensive care medical research on the egee grid", HealthGrid 2007, pp. 248–257, Geneva, Switzerland.

37) Carl H. Hauser, David E. Bakken, Ioanna Dionysiou, K. Harald Gjermundrod, Venkata S. Irava, and Anjan Bose (2006) "Security, trust, and QoS in next-generation control and communication for large power systems", Proceedings of the Workshop on Complex Network and Infrastructure Protection (CNIP06), Rome, Italy.

38) Ryan A. Johnston, Carl H. Hauser, K. Harald Gjermundrod, and David E. Bakken (2006) "Distributing time-synchronous phasor measurement data using the

GridStat communication infrastructure", 39th Annual Hawaii International Conference on System Sciences, pp. 245b–245b, Hawaii, USA.

39) Harald Gjermundrod, Ioanna Dionysiou, David Bakken, and Carl Hauser (2003) "Fault tolerance mechanisms in status dissemination middleware", Supplement of the 2003 International Conference on Dependable Systems and Networks (DSN-2003), pp. B56–B57, San Francisco, USA.

40) D. Bakken, A. Bose, C. Hauser, I. Dionysiou, H. Gjermundrod, L. Xu, and S. Bhowmik (2002) "Towards for extensible and resilient real-time information dissemination for the electric power grid", Proceedings of Power Systems and Communications Systems for the Future, International Institute for Critical Infrastructures, Beijing, China.

41) Ioanna Dionysiou, Kjell Harald Gjermundrod, and David Bakken (2002) "Fault tolerance issues in publish-subscribe status dissemination middleware for the electric power grid", Supplement of the 2002 International Conference on Dependable Systems and Networks (DSN-2002), pp. B62–B63, Washington DC, USA.

42) D. Bakken, A. Bose, C. Dyreson, S. Bhowmik, I. Dionysiou, H. Gjermundrod, and Lin Xu (2002) "Impediments to survivability of the electric power grid and some collaborative ee-cs research issues to solve them", IEEE 4th Information Survivability Workshop, pp. C2–C5, Vancouver, Canada.

Non-refereed Papers
1) Philippos Pouyioutas, Harald Gjermundrod, and Ioanna Dionysiou (2010) "ReProTool Version 1.0 Managing Learning Outcomes - A Useful Tool for Erasmus Co-ordinators, Employers and ENIC/NARIC Networks", Erasmus Coordinators Conference and Go-Exchange Education Fair (ERACON'10), Vienna, Austria, July 1–5.

2) Philippos Pouyioutas, Harald Gjermundrod, and Ioanna Dionysiou (2010) "ReProTool-A software Tool for Managing Learning Outcomes", European Career Guidance Counseling Conference 2010 (CAREER-EU'10), May 23 − 27, Limassol, Cyprus.

3) I. Dionysiou and H. Gjermundrød (2009) "Must-Share: Filling the gap between Need-to-know and Need-to-share", In Talaris Grass Roots Round Table On CyberSecurity (RTCS'09), August 27 − 28, Seattle, WA.

Technical Reports
1) Jesus Luna, Marios D. Dikaiakos, Harald Gjermundrod, Michail Flouris, Manolis Marazakis, Angelos Bilas, and Theodoros Kyprianou (2008) "A data-centric security analysis of ICGrid, Institute on Knowledge and Data Management", CoreGRID Technical Report, TR-0145.

2) S. Abelsen, E. S. Viddal, K. H. Gjermundrod, D. E. Bakken, and C. H. Hauser (2007) "Adaptive Information Flow Mechanisms and Management for Power Grid

Contingencies", Washington State University School of EECS, Technical Report, EECS-GS-012.

3) David E. Bakken, Carl H. Hauser, Harald Gjermundrod, and Anjan Bose (2007) "Towards more flexible and robust data delivery for monitoring and control of the electric power grid", Washington State University School of EECS, Technical Report EECS-GS-009.

4) K. Harald Gjermundrod, Ioanna Dionysiou, Carl Hauser, David Bakken, and Anjan Bose (2003) "Flexible and robust status dissemination middleware for the electric power grid", Washington State University School of EECS, Technical Report, EECS-GS-003.

Newsletter and Magazine Articles
1) Harald Gjermundrød (2015) "An Ecosystem for Private Customer Data Management" (EN-version), 8th International Cybersecurity Forum (FIC 2016) Newsletter, No. 08, 31/12/2015, Online (http://www.forum-fic.com)
2) Harald Gjermundrød (2015) "Un écosystème de gestion des données personnelles des clients" (FR-version), 8th International Cybersecurity Forum (FIC 2016) Newsletter, No. 08, 31/12/2015, Online (http://www.forum-fic.com)
3) Philippos Pouyioutas, Harald Gjermundrød, and Ioanna Dionysiou (2012) "ReProTool RE-Engineering Academic Curriculum Using Learning Outcomes, ECTS and Bologna Process Concepts" Pliroforiki, Issue 23, ISSN: 1450-152X, pp. 21 – 29, Cyprus Computer Society.
4) Harald Gjermundrod and M. D. Dikaiakos (2008) "g-Eclipse", Featured in the CoreGRID Newsletter (http://www.cetic.be/article694.html), Nr 8.

Conference Presentations

Poster Sessions
1) Harald Gjermundrod and M. D. Dikaiakos (2008) "Batch Service Management Tool within g-Eclipse", Poster at 3rd EGEE User Forum, Clermont-Ferrand, France.

2) Dave Bakken, Carl Hauser, and Harald Gjermundrod (2006) "GridStat Overview" Trustworthy Cyber Infrastructure for the Power Grid (TCIP) External Advisory Committee Meeting, UIUC, IL, USA.

3) D. Bakken, C. Hauser, H. Gjermundrod, and I. Dionysiou (2003) "GridStat: A Status Dissemination Middleware Framework", Poster session at Power Systems Engineering Research Center (PSERC), Pullman, WA, USA.

Round Table Discussions
1) "The Security of Mobile Devices" hosted by European Security Round Table sprl (eSRT), Brussels, Belgium, June 25, 2014.

2) "EU-US INSPIRE-International cooperation aspects", WSU, TU Darmstadt, and CINI, Darmstadt, Germany, Feb. 2 – 3, 2010.

3) "US Department of Energy Research Agenda", Talaris Grass Roots Round Table on Cyber-Security (RTCS'09), Seattle, WA, Aug. 26 – 28, 2009.

4) "Trust and US Department of Energy Research Agenda", Community of Interest on Trust, Pacific Northwest National Laboratory, Richland, WA, Aug. 13, 2009.

5) "Systems survivability", Discussion group at IEEE 4th Information Survivability Workshop, Vancouver, Canada, Mar. 18 – 20, 2002.

Symposium/Conference Presentation
1) "privacyTracker: A Privacy-by-Design GDPR-Compliant Framework with Verifiable Data Traceability Controls", 2nd International Workshop on TEchnical and LEgal aspects of data pRIvacy and SEcurity (TELERISE 2016) in conjunction with 16th International Conference on Web Engineering, Lugano, Switzerland, June 6 – 9, 2016.

2) "An Ecosystem for Private Customer Data Management" (EN-version), 8th International Cybersecurity Forum (FIC 2016), Lille, France, January 25 – 26, 2016.

3) "CloudHoneyCY - An Integrated Honeypot Framework for Cloud Infrastructures", 1st International Workshop on Information Security, Assurance and Reliability in the Cloud (WISARC) in conjunction with 8th IEEE/ACM International Conference on Utility and Cloud Computing, Limassol, Cyprus, December 7–10, 2015.

4) "NoteLocker: Simple Secure Storage Service", Workshop on Privacy-Preserving Cyberspace Safety and Security hosted under 6th International Symposium on Cyberspace Safety and Security (CSS2014), Paris, France, August 20–22, 2014.

5) "Recirculating Lost Coins in Cryptocurrency Systems", The 1st Workshop on Digital Currencies (DC 2014), Larnaca, Cyprus, May 22, 2014.

6) "sGUTS: Simplified Grid User Trust Service for Site Selection", Presented at 7th International Conference on Internet Monitoring and Protection (ICIMP'12), Stuttgart, Germany, May 27 – Jun. 1, 2012.

7) "GridStat: A Wide-Area Communication Framework for Critical Infrastructures", Presented at 2nd Workshop of COST 0805 Open Network for High-Performance Computing on Complex Environments, Timisoara, Romania, Jan. 25 – 27, 2012.

8) "Scalable Wide-Area Multicast with Temporal Rate Filtering Distribution Framework", Presented at 11th IEEE International Conference on Scalable Computing and Communications (SCALCOM'2011), Paphos, Cyprus, Aug. 31 – Sep. 2, 2011.

9) "MapQFTool, A Software Tool to Support National Qualifications Frameworks", Presented at Intl Conference on i-Society, UK, Jun. 27 – 29, 2011.

10) "DualTrust: A Distributed Trust Model for Swarm-Based Autonomic Computing Systems", Presented at 3rd International Workshop on Autonomous and Spontaneous Security (SETOP 2010), Athens, Greece, Sep. 23, 2010.

11) "Wide-Area Actuator RPC over GridStat with Timeliness, Redundancy, and Safety", Presented at International Conference on Complex, Intelligent and Software Intensive Systems (CISIS'10), Krakow, Poland, Feb. 15 – 18 2010.

12) "Integrating an Event Pattern Mechanism in a Status Dissemination Middleware", Presented at 1st International Conferences on Pervasive Patterns and Applications (PATTERN 2009), Athens, Greece, Nov. 15 – 18, 2009.

13) "Adaptive Data Stream Mechanism for Control and Monitoring Applications", Presented at 1st International Conference on Adaptive and Self-adaptive Systems and Application (ADAPTIVE 2009), Athens, Greece, Nov. 15 – 18, 2009.

14) "g-Eclipse - An Integrated Framework to Access and Maintain Grid Resources", Presented at 9th IEEE/ACM International Conference on Grid Computing (Grid 2008), Tsukuba, Japan, Sep. 29 – Oct. 1, 2008.

15) "Using the gLite middleware to implement a Secure Intensive Care Grid", Presented at 3rd CoreGRID Workshop on Grid Middleware (During OGF23 2008), Barcelona, Spain, Jun. 5 – 6, 2008.

16) "g-Eclipse: A middleware-independent framework for accessing existing Grid infrastructures.", Presented at 8th IEEE International Symposium on Cluster Computing and the Grid (CCGrid'08), Lyon, France, May 19–22, 2008.

17) "ICGrid: Enabling intensive care medical research on the egee grid", HealthGrid 2007, Geneva, Switzerland, Apr. 24 – 27, 2007.

18) "ICGrid: Intensive Care Grid." Presented at the EGEE Bioinformatics Meeting #3, Valencia, Spain, Mar. 6 – 7, 2007.

Invited Talks, Seminars & Colloquia

Invited Lectures
1) "GridStat: A Status Dissemination Middleware for Critical Infrastructures." University of Cyprus, Nicosia, Cyprus, March 5, 2010.
2) "From vision to reality: Grid computing on the EGEE infrastructure." Washington State University, Pullman, WA, September 3, 2009.

3) "The Publish/Subscribe Paradigm." University of Cyprus, Nicosia, Cyprus, December 1, 2006.
4) "The GridStat Framework with its Mechanisms." University of Cyprus, Nicosia, Cyprus, June 16, 2006.
5) "The Electric Power Grid and its Vulnerabilities." Eastern Washington University, Spokane, WA, July 7, 2003.

Talks
1) "HoneyCY: An Active Defense Framework", INFOCOM Security Cyprus Conference, Nicosia, Cyprus, May 23, 2018.
2) "The Open-Source Model: How to Get Involved", Presented at the UNic Computer Science Society, University of Nicosia, Nicosia, Cyprus, March 23rd, 2017.
3) "Recirculating Lost Coins in Cryptocurrency Systems", Presented at the Cryptocurrency Systems & Blockchain Applications event, University of Nicosia, Nicosia, Cyprus, June 29th, 2016.
4) "privacyTracker: A Privacy-by-Design GDPR-Compliant Framework with Verifiable Data Traceability Controls", Presented at the Clusters and Cybersecurity Conference in conjunction with the Bled eConference "Digital Economy", Bled, Slovenia, June 22nd, 2016.
5) "Be Wiser Cypriot Mentoring Workshop", Presented at the 4th BeWiser Consortium Meeting, Nicosia, Cyprus, October 5th, 2015.
6) "Writing Latex documents using Eclipse." Presented at the Eclipse DemoCamp, Nicosia, Cyprus, December 4, 2008.
7) "Ganymede Whats new." Presented at the Eclipse DemoCamp, Nicosia, Cyprus, June 26, 2008.
8) "WP3 - Grid Operator Perspective." Presented at g-Eclipse 2nd Annual Review, Brussels, Belgium, June 10, 2008.
9) "WP3 - Operator Perspective Status M18." Presented at the g-Eclipse working meeting, Linz, Austria, January 14, 2008.
10) "The Visual Editor Project." Presented at the Eclipse DemoCamp, Nicosia, Cyprus, December 5, 2007.
11) "WP3 - Grid Operator Perspective." Presented at g-Eclipse 1st Annual Review, Brussels, Belgium, September 4, 2007.
12) "WP3 - Operator Perspective Status M12." Presented at the g-Eclipse working meeting, Poznan, Poland, June 18, 2007.
13) "Progress report from University of Cyprus." Presented at SA3 All Hands meeting Cern, Geneva, Switzerland, November 27, 2006.
14) "GridStat Mechanisms." Presented at Pacific Northwest National Laboratory (PNNL), Richland, WA, July 21, 2004.

Software Demo
1) "ReProTool - Demo" software demo at ReProTool Final Conference/Information Day, University of Nicosia, July 16, 2013.
2) "ReProTool: A Software Tool to Re-engineering Academic Curriculum Using Learning Outcomes" software demo at ReProTool Information Day, University of Nicosia, October 18, 2012.
3) "g-Eclipse: A middleware-independent framework for accessing existing Grid infrastructures" software demo at ECOOP 2008, Paphos, Cyprus, July 9-10, 2008.

4) "Enabling Intensive Care Window on the EGEE Grid" software demo at OGF23 2008, Barcelona, Spain, June 4-5, 2008.
5) "ICGrid: Intensive Care Grid." software demo at the CoreGrid stand during OGF 2007, Manchester, UK, May 8–10, 2007.
6) "ICGrid: Intensive Care Grid." software demo at the Europe's Information Society Technologies Conference (IST 2006), Helsinki, Finland, November 21-23, 2006.
7) "GridStat." NSF site visit for research center grant proposal. University of Illinois at Urbana-Champaign, Urbana, IL, May 23, 2005.

Other Scholarly Activities

Conference Organizing
1) Subscription Co-Chair of 10th Mediterranean Conference on Information Systems (MCIS 2016), Paphos, Cyprus, September 4 – 6, 2016.
2) Workshop Co-Chair of the IEEE 2011 International Workshop on Survivable Large-Scale Information Systems (SLSIS2011), Pafos, Cyprus, August 31 – September 2, 2011.
3) Workshop Co-Chair of 6th Mediterranean Conference on Information Systems (MCIS2011), Limassol, Cyprus, September 3 – 5, 2011.
4) Co-organizer of Eclipse DemoCamp in Nicosia, Cyprus, December 4, 2008.
5) Co-organizer of Eclipse DemoCamp in Nicosia, Cyprus, June 26, 2008.
6) Co-organizer of the g-Eclipse tutorial at 3rd EGEE User Forum, Clermont-Ferrand, France, February 14, 2008.
7) Organizer of Eclipse DemoCamp in Nicosia, Cyprus, December 5, 2007.

Conference Keynote Speaker
1) "Communication Challenges for the Next Generation Power Grid", given at WebTel 2012 (including the following co-organized conferences {AICT |ICIW|ICIMP|SMART} 2012), Stuttgart, Germany, May 28, 2012.

Conference Panelist
1) SMART/ICIMP: Playing Smart Devices and Being Protected: Myth or Reality, WebTel, Stuttgart, Germany, May 28, 2012.
2) Patterns: Capturing Preventing and Reacting Facets of the Systems Behavior. ComputationWorld, Athens, Greece, Nov 18, 2009.

Conference Session Chair
1) Session Chair (Session 2: Big Data), 17th International Conference on Business Information Systems, Larnaca, Cyprus, May 19, 2014.
2) Session Chair (Session 2: Parallel and Cloud Computing), 11th IEEE International Conference on Scalable Computing and Communications, Pafos, Cyprus, August 31, 2011.
3) Session Chair (Session 9: Security & Web Applications), 11th IEEE International Conference on Computer and Information Technology, Pafos, Cyprus, September 2, 2011.

Panel Moderator

1) Panel Moderator (Panel I: Mobile Banking - Securing Users' Sensitive Data), The Security of Mobile Devices hosted by European Security Round Table sprl (eSRT), Brussels, Belgium, June 25, 2014.

Program Committee

1) 20th IEEE International Conference on High Performance Computing and Communications (HPCC'18), 2018.
2) IEEE International Conference on Big Data, (IEEE Big Data 2017), 2017.
3) 15th IEEE International Conference on Dependable, Autonomic and Secure Computing (DASC 2017), 2017.
4) 16th IEEE International Conference on Ubiquitous Computing and Communications (IUCC-2017), 2017.
5) 15th IEEE International Symposium on Parallel and Distributed Processing with Applications (IEEE ISPA 2017), 2017.
6) 16th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-17), 2017.
7) 17th International Conference on Algorithms and Architecture for Parallel Processing (ICA3PP'17), 2017.
8) 11th International Conference on Frontier of Computer Science and Technology (FCST-2017), 2017.
9) 17th IEEE International Conference on Computer and Information Technology (CIT-17), 2017.
10) 2nd Workshop Integrating Communications, Control, and Computing Technologies for Smart Grid (ICT4SG), IEEE International Conference on Communications, 2016.
11) 15th IEEE International Conference on Ubiquitous Computing and Communications (IUCC-2016), 2016.
12) 16th International Conference on Algorithms and Architecture for Parallel Processing (ICA3PP'16), 2016.
13) 4th International Conference on Connected Vehicles & Expo (ICCVE 2015), 2015.
14) 13th IEEE International Conference on Dependable, Autonomic and Secure Computing (DASC-2015), 2015.
15) 14th IEEE International Conference on Ubiquitous Computing and Communications (IUCC-2015), 2015.
16) 15th IEEE International Conference on Computer and Information Technology (CIT-15), 2015.
17) IEEE International Conference on Big Data (IEEE Big Data 2015), 2015.
18) International Symposium on Foundations and Applications of Big Data Analytics (FAB'15), 2015
19) 15th International Conference on Algorithms and Architecture for Parallel Processing (ICA3PP'15), 2015.
20) 13th IEEE International Conference on Trust, Security and Privacy in Computing and Communication (TrustCom-2014), 2014.
21) 14th IEEE International Symposium on Parallel and Distributed Processing with Applications (IEEE ISPA-14), 2014.
22) 3rd International Congress on Big Data (BigData 2014), 2014.
23) IEEE International Conference on Big Data (IEEE Big Data 2014), 2014.
24) 14th International Conference on Algorithms and Architecture for Parallel

Processing (ICA3PP'14), 2014.

25) 4th International Conference on Smart Grids, Green Communications and IT Energy-aware Technologies (ENERGY 2014), 2014.

26) 6th International Conference on Adaptive and Self-adaptive Systems and Application (ADAPTIVE'14), 2014.

27) 4th IEEE Innovative Smart Grid Technology (ISGT'13) (Track: Smart Grid Devices and Standards Committee), 2013.

28) IEEE International Conference on Big Data (IEEE Big Data 2013), 2013.

29) 13th International Conference on Algorithms and Architecture for Parallel Processing (ICA3PP'13), 2013.

30) 15th IEEE International Conference on High Performance Computing and Communications (HPCC'13), 2013.

31) 13th IEEE International Conference on Computer and Information Technology (CIT-13), 2013.

32) FTRA International Conference on Advanced IT, engineering and Management (AIM 2013), 2013.

33) 12th IEEE International Conference on Trust, Security and Privacy in Computing and Communication (TrustCom-2013), 2013.

34) 11th IEEE International Symposium on Parallel and Distributed Processing with Applications (IEEE ISPA-13), 2013.

35) 3rd International Conference on Smart Grids, Green Communications and IT Energy-aware Technologies (ENERGY 2013), 2013.

36) 13th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGrid'13), Track: Autonomic Computing and Cyberinfrastructure, 2013.

37) 5th International Conferences on Pervasive Patterns and Applications (PATTERNS'13), 2013.

38) 5th International Conference on Adaptive and Self-adaptive Systems and Application (ADAPTIVE'13), 2013.

39) 1st International Conference on Connected Vehicles & Expo (ICCVE 2012), Track 02: Mobile Internet, Mobility Internet and Internet of Things, 2012.

40) 5th International Conference on Internet and Distributed Computing Systems (IDCS'12), 2012.

41) 14th IEEE International Conference on High Performance Computing and Communications (HPCC'12), 2012.

42) 11th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom-2012), 2012.

43) 3rd IEEE International Conference on SmartGrid Communication (SmartGridComm'12), Track: Smart Grid Communication Networks, 2012.

44) 12th International Conference on Algorithms and Architecture for Parallel Processing (ICA3PP'12), 2012.

45) The 8th International Symposium on Wireless sensor network Technologies and Applications for Smart Space (WTA 2012), 2012.

46) IEEE International Conference Energy Conference & Exhibition (ENERGYCON'12), Track ICT, 2012.

47) 4th International Conferences on Pervasive Patterns and Applications (PATTERNS'12), 2012.

48) 4th International Conference on Adaptive and Self-adaptive Systems and

Application (ADAPTIVE'12), 2012.

49) FTRA International Conference on Advanced IT, engineering and Management (AIM 2012), 2012.

50) 2nd International Conference on Smart Grids, Green Communications and IT Energy-aware Technologies (ENERGY 2012), 2012.

51) 7th International Symposium on Wireless sensor network Technologies and Applications for Smart Space (WTA'11), 2011.

52) 11th International Conference on Algorithms and Architecture for Parallel Processing (ICA3PP'11), 2011.

53) 3rd International Conferences on Pervasive Patterns and Applications (PATTERNS'11), 2011.

54) 3rd International Conference on Adaptive and Self-adaptive Systems and Application (ADAPTIVE'11), 2011.

55) 14-th International Conference on Network-Based Information Systems (NBiS-2011), Cloud, Grid and P2P Computing Track, 2011.

56) 11th IEEE International Conference on Computer and Information Technology (CIT-11), 2011.

57) 11th IEEE International Conference on Scalable Computing and Communications (ScalCom'2011), Scalable computing, 2011.

58) The First International Conference on Smart Grids, Green Communications and IT Energy-aware Technologies (ENERGY 2011), 2011.

59) 11th International Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT'10), 2010.

60) 12th IEEE International Conference on High Performance Computing and Communications (HPCC'10), 2010.

61) Workshop on High-Performance Computing on Complex Environments (HPCCE) organized during IEEE International Conference on Cluster Computing (Cluster 2010), 2010.

62) 2nd International Conferences on Pervasive Patterns and Applications (PATTERNS'10), 2010.

63) 2nd International Conference on Adaptive and Self-adaptive Systems and Application (ADAPTIVE'10), 2010.

64) 10th IEEE International Conference on Computer and Information Technology (CIT-10), 2010.

65) 10th IEEE International Conference on Scalable Computing and Communications (ScalCom'2010), Scalable computing, 2010.

66) 10th International Conference on Algorithms and Architecture for Parallel Processing (ICA3PP'10), 2010.

67) 9th IEEE International Conference on Scalable Computing and Communications (ScalCom'2009), Scalable computing, 2009.

68) 11th IEEE International Conference on High Performance Computing and Communications (HPCC-09), Parallel and distributed software technologies, 2009.

69) 10th IEEE International Conference on High Performance Computing and Communications (HPCC-08), Parallel and distributed software technologies, 2008.

70) 21st IEEE International Conference on Advanced Information Networking and Applications (AINA-07), Internet Computing and Web Applications, 2007.

Software Competition Judge
1) Imagine Cup, 2nd Cyprus regional competition, Frederick University, Cyprus, April 30, 2012.
2) Imagine Cup, 1st Cyprus regional competition, University of Cyprus, Cyprus, April 15, 2011.

Editorial Board Member for Journal
1) IARIA International Journal on Advances in Intelligent Systems, Feb. 2012 – present.

Reviewer for Journal Recommendation
1) FTRA International Conference on Advanced IT, engineering and Management (AIM 2013), 2013.

Reviewer for Journal Submissions
1) IEEE Journal on Selected Areas in Communications (JSAC)- Special Issue on Network Softwarization & Enablers, 2018.
2) IEEE Transactions on Emerging Topics in Computing (TETCSI), 2014.
3) International Journal of Ad Hoc and Ubiquitous Computing (IJAHUC), 2013.
4) IBM Journal of Research and Development, on "Technologies for Healthcare Transformation", 2011.
5) Inderscience International Journal of Grid and Utility Computing (IJGUC), 2011.
6) IEEE Internet Computing Journal, 2011.
7) IEEE Internet Computing magazine, Volume: 13, Issue: 5, 2009.
8) Concurrency and Computation: Practice and Experience, 2008.
9) Parallel Processing Letter journal, 2008.
10) IEEE Transactions on Parallel and Distributed Computing special issue on Middleware, 2003.

Reviewer for Conference and Workshop Submissions
1) 1st International Conference on Agreement Technologies (AT 2012), 2012.
2) The 3rd IEEE International Conference on Smart Grid Communications (SmartGridComm), Track: Wide Area Protection and Control (WAMPAC), 2012.
3) European Conference on Parallel Computing Euro-Par (Euro-Par), Track: Support Tools and Environments, 2012.
4) The 2nd IEEE International Conference on Smart Grid Communications (SmartGridComm), 2011.
5) The 5th Mediterranean Conference on Information Systems (MCIS), 2010.
6) The 1st IEEE International Conference on Smart Grid Communications (SmartGridComm), 2010.
7) The 10th IFIP International Conference on Distributed Applications and Interoperable Systems (DAIS), 2010.
8) The International Conference on Distributed Computing Systems (ICDCS), 2010.
9) European Conference on Parallel Computing Euro-Par (Euro-Par), 2010.

10) The 9th IFIP International Conference on Distributed Applications and Interoperable Systems (DAIS), 2009
11) European Conference on Parallel Computing Euro-Par (Euro-Par), 2008.
12) The 8th IFIP International Conference on Distributed Applications and Interoperable Systems (DAIS), 2008
13) ACM/IFIP/USENIX International Middleware Conference (Middleware), 2008.
14) International Conference on Algorithms and Architectures (ICA3PP), 2008.
15) European Conference on Parallel Computing Euro-Par (Euro-par), 2007.
16) IEEE Africon, 2007.
17) IEEE International Symposium on High Assurance Systems Engineering (HASE), 2005.
18) Pacific Rim Dependable Computing (PRDC), 2004.
19) International Symposium on Distributed Objects and Applications (DOA), 2002.
20) International Symposium on Distributed Computing (DISC), 2002.

Research Seminar Organizer
1) "ImagineCup Technology Competition Information Session", Mr Ioannis Stavrinides, (DX Evangelist, Microsoft Cyprus), Oct. 22nd 2014, University of Nicosia.
2) "Imagin Cup Information Session", Mr Valentinos Georgiades, (DPE Lead, Microsoft Cyprus), Nov. 11th 2013, University of Nicosia.
3) "How to Build a Successful Career as a Software Developer", Mr. Rune Bjørnstad, Mar. 26th, 2012, University of Nicosia.
4) "Imagin Cup Information Session", Mr. Valentinos Georgiades, Nov. 2nd, 2011, University of Nicosia.
5) "MoutFocus: A Software Development Company in Cyprus", Mr. Rune Bjørnstad, Sep. 30th, 2010, University of Nicosia.

Collaborations
Involved with the following colleagues in the activities:
1) PrivacyTracker (2015 – present), in collaboration with Dr Ioanna Dionysiou, Associate Professor, University of Nicosia (Cyprus).
2) HoneyCY (2014 – present), in collaboration with Dr Ioanna Dionysiou, Associate Professor, University of Nicosia (Cyprus).
3) ReProTool (2010 – 2014), in collaboration with Prof. Philippos Pouyioutas and Dr Ioanna Dionysiou, University of Nicosia (Cyprus).
4) MapQFTool (2011 – 2012), in collaboration with Prof. Philippos Pouyioutas and Dr Ioanna Dionysiou, University of Nicosia (Cyprus).
5) GridStat project (2006 – 2012), in collaboration with Prof. David E. Bakken, Washington State University (USA).
6) Intensive Care Cloud (2008 – 2012), in collaboration with Prof. Marios D. Dikaiakos, University of Cyprus (Cyprus).

Research Lab

1) Co-Director of the *Informatics Security Laboratory* (http://isl.unic.ac.cy), Department of Computer Science University of Nicosia, Spring 2016 - Present.

Open Source Contribution

1) HoneyCY: Architecture and implementation mentor, Jan 2015 – Present.
2) PrivacyTracker: Chief architect and designer, Jan 2015 – Present.
3) ReProTool: Chief architect and main developer, May 2010 – June 2013.
4) Eclipse: Committer status for the g-Eclipse project, Oct. 2007 – 2010.
5) ICGrid: Chief architect and main developer, Oct. 2006 – Sep. 2008.
6) GridStat: Chief architect and main developer, Oct. 2001 - Apr. 2006.
7) MOM: Chief architect and main developer (C++), Aug. 1999 - May 2001.

Consultancies

1) Invitation for External Expert for TSD/Ecorys consortium (in case awarded the INTERREG Europe Policy Learning Platforms) by Inno TSD (France), December 2015.

Experience

Administrative Position

1) School Council Representative, Department of Computer Science, University of Nicosia, April 1, 2012 – present.
2) Laboratory coordinator, Department of Computer Science, University of Nicosia, Spring 2011 – present.
3) Associate Head, Department of Computer Science, University of Nicosia, April 1, 2014 – April 1, 2018.
4) University of Nicosia Council, Teaching Research Faculty (TRF) representative, April 2, 2014 – April 1, 2016.
5) University of Nicosia Research Ethics Committee (UNREC) Representative, Department of Computer Science, University of Nicosia, July 1, 2013 – June 30, 2015.
6) Work Packet leader for EU funded Framework 6 g-Eclipse project, University of Cyprus, Feb. 2007 – Dec. 2008.

Administrative Service

1) Member of the Departmental Postgraduate Programmes Committee (DPPC), Department of Computer Science, University of Nicosia, Fall 2016 – present.
2) Audit member (non-voting) of the Departmental Postgraduate Programmes Committee (DPPC), Department of Computer Science, University of Nicosia, Spring 2013 – Fall 2016.
3) Computer Science MSc Curriculum Committee member, Department of Computer Science, University of Nicosia, Spring 2011 – Spring 2013.
4) Computer Science BSc Curriculum Committee member, Department of Computer Science, University of Nicosia, Spring 2009.
5) ECTS Program Report Committee member, Department of Computer Science, University of Nicosia, Spring 2009.
6) Graduate and Professional Student Association, EECS Senator, Washington State University, 2002 – 2003.

Advisory

1) Academic Advisor for the University of Nicosia Diving Society, October 2012 – present.

2) Graduate Level Advisor MSc at University of Nicosia
   1) Nicolas Alexandros Arola, "Denial of Service Attacks on Software Defined Networks", expected completion Fall 2018.
   2) Angelos Tryfonos, "Investigation into Privacy Issues with Software Defined Networks", expected completion Fall 2018.
   3) Savvas Karasavvas, "HoneyCY Attack Profiling", expected completion Spring 2018.
   4) Adeyemi Ibrahim Adewale, "Impact of Memory Protection Schemes for Recursive and Iterative Program", June 2017.

3) Graduate Level Advisor at University of Nicosia (MSc through Middlesex University, UK)
   1) Kalozoi Kalozois, "Analysis of a Heartbleed Attack Using a Virtualized Environment", April 2015.
   2) Petros Zaris, "Web Application Security through Encryption", May 2014.

4) Undergraduate Final Year Project Advisor at University of Nicosia
   1) Dimitris Bakiris, "Applied Concurrent Programming in Python", June 2018.
   2) Theofylaktos Drousiotis, "Integrated Web Management System for a Goods and Services Trading Company", June 2018.
   3) Elli-Maria Fountoukidou, "Diving Center Web Application", February 2018.
   4) Antreas Vlachos, "Car Service – Garage", July 2017.
   5) Christos Petsas, "Dive Center Management System", June 2017.
   6) Revecca Koudouna, "3-tier Web Application", September 2016.
   7) Demetris Tontorovits, "Which Content Management System Platform Is the Most Suitable for Organizational Activities?", June 2016.
   8) Charalampos Vikentiou, "Recirculating Lost Coins in Cryptocurrency Systems", May 2016.
   9) Tziortzis Kyprianou, "SmartHims - Develop a Fully Functional Web Application using WordPress CMS", May 2016.
   10) Kyriakos Costa, "Data Traceability Framework Embedded with Cryptographic Controls to Conform with the EU General Data Protection Regulation", May 2016.
   11) Michael Mavris, "IT Buddy", June 2015.
   12) Michail Ellinas, "Informatics Security Lab", June 2014.
   13) Alexandros Shamounki, "My Daily Route", May 2014.
   14) Constantinos Michael, "Transportation Logistic Program", May 2014.
   15) Fivos Vassiliou, "Real Estate System: Online-Based Implementation of an Agent System", February 2014.
   16) Kyriakos Andreou, "ReProTool Student App", June 2013.
   17) Yiannis Marangos, "Tiny Kernel for PandaBoard", May 2013.

18) Alexandros Papasavvas, "Android 2D Game Development Using Gyroscope", April 2013.
19) Michalis Spetsiou, "FixCyprus: Development of an Android Application", July 2012.
20) Soteris Ioannou, "Airsynch Mobile iOS Application", July 2012.
21) Christos Savva, "The MapQFTool Application", June 2012.
22) Roland Zelhof, "The Virtual Tour of The University of Nicosia", January 2012.
23) Michalis Michael, "Map Qualification Framework Tool", July 2011.
24) Christos Demetriades, "A Comparative Study of Screen-Readers", June 2011.
25) Renos Kakoullis, "Development of a Software Component Using the .Net Framework", March 2011.
26) Andreas Charalambous, "Install and Configure SVN and Bugzilla Server", March 2011.
27) Patroclos Lemoniatis, "Install and Configure SVN and Bugzilla Server", February 2011.
28) Stelios Agapiou, "Installing and Configuring a Web/Mail/DNS Server", October 2010.
29) Socrates Efstratiou, "iPhinger Olympics: Development of an iPhone/iPad Touch Application", June 2010.
30) Marios Hadjisavvas, "Install and Configure a SUN Grid Engine (SGE) Computing Element for the UNic Grid Node", June 2009.

Washington State University
1) CPTS423 Software Engineering Laboratory, supervised 3 group projects related to the GridStat project, sponsored by Avista Utilities in collaboration with Pacific Northwest National Laboratory.
2) CPTS600 Master Thesis, assisted in supervising 2 master theses related to the GridStat project.

Courses Taught at University of Nicosia
- COMP-111 Programming Principles I
- COMP-113 Programming Principles II
- COMP-114 Software Development Lab II
- COMP-153 Visual Basic
- COMP-213 Visual Programming
- COMP-354 Operating Systems
- COMP-413 Systems Programming
- COMP-417 Parallel and Distributed Computing
- COMP-421 Compiler Design
- COMP-433 Ethical Hacking
- COMP-515 Distributed Systems
- COMP-535 Ethical Hacking
- COMP-595 Project in Cyber Security

Teaching by Semester

- Spring 2018: COMP-114 Software Development Lab II, COMP-354 Operating Systems, COMP-595 Project in Cyber Security, University of Nicosia.
- Fall 2017: COMP-213 Visual Programming, COMP-417 Parallel and Distributed Computing, University of Nicosia.
- Spring 2017: COMP-114 Software Development Lab II, COMP-354 Operating Systems, COMP-535 Ethical Hacking, COMP-595 Project in Cyber Security, University of Nicosia.
- Fall 2016: COMP-113 Programming Principles II, COMP-213 Visual Programming, COMP-515 Distributed Systems, University of Nicosia.
- Spring 2016: COMP-354 Operating Systems, COMP-535 Ethical Hacking, COMP-595 Project in Cyber Security, University of Nicosia.
- Fall 2015: COMP-213 Visual Programming, COMP-515 Distributed Systems, University of Nicosia.
- Spring 2015: COMP-354 Operating Systems, COMP-535 Ethical Hacking, COMP-595 Project in Cyber Security, University of Nicosia.
- Fall 2014: COMP-113 Programming Principles II, COMP-213 Visual Programming, COMP-515 Distributed Systems, COMP-535 Ethical Hacking, University of Nicosia.
- Spring 2014: COMP-114 Software Development Lab II, COMP-213 Visual Programming, COMP-354 Operating Systems, COMP-515 Distributed Systems, University of Nicosia (Rank based on student evaluations: 4.55/5.0).
- Fall 2013: COMP-113 Programming Principles II, COMP-213 Visual Programming, University of Nicosia (Rank based on student evaluations: 4.16/5.0).
- Spring 2013: COMP-213 Visual Programming, COMP-354 Operating Systems, University of Nicosia (Rank based on student evaluations: 4.44/5.0).
- Fall 2012: COMP-113 Programming Principles II, COMP-421 Compiler Design, University of Nicosia (Rank based on student evaluations: 4.19/5.0).
- Spring 2012: COMP-114 Software Development Lab II, COMP-354 Operating Systems, University of Nicosia (Rank based on student evaluations: 4.71/5.0).
- Fall 2011/Spring 2012: CCM-4320 Network Systems and Services (Tutor for Cyprus), Middlesex University, UK.
- Fall 2011: COMP-113 Programming Principles II, COMP-213 Visual Programming, COMP-413 Systems Programming, University of Nicosia.
- Spring 2011: COMP-114 Software Development Lab II, COMP-354 Operating Systems, University of Nicosia (Rank based on student evaluations: 4.11/5.0).
- Fall 2010: COMP-111 Programming Principles I, COMP-113 Programming Principles II, COMP-114 Software Development Lab II, University of Nicosia.
- Spring 2010: COMP-354 Operating Systems, University of Nicosia (Rank based on student evaluations: 4.57/5.0).

- Fall 2009: COMP-152 Programming I, COMP-153 Visual Basic, COMP-255A Programming II, University of Nicosia (Rank based on student evaluations: 4.58/5.0).
- Spring 2009: COMP-153 Visual Basic, COMP-255 C++ Programming Language, COMP-350 Systems Software Programming, COMP-354 Operating Systems, University of Nicosia (Rank based on student evaluations: 4.47/5.0).
- Fall 2008: COMP-153 Visual Basic, COMP-255 C++ Programming Language, COMP-375 Compiler Design, University of Nicosia (Rank based on student evaluations: 4.22/5.0).
- Fall 2003: CPTS-122 Data Structures, Washington State University.

Conventional Course Development at University of Nicosia
- COMP-112 Software Development Lab I (BSc, required)
- COMP-114 Software Development Lab II (BSc, required)
- COMP-213 Visual Programming (co-developed) (BSc, major elective)
- COMP-385 Defensive Programming (BSc Cybersecurity and Privacy Thematic area required)
- COMP-413 Systems Programming (BSc, major elective)
- COMP-414 Embedded Systems (BSc, major elective) *Deprecated*
- COMP-416 Concurrent Programming (BSc, major elective) *Deprecated*
- COMP-417 Parallel and Distributed Computing (BSc, required)
- COMP-433 Ethical Hacking (BSc, major elective)
- COMP-515 Distributed Systems (MSc, required)
- COMP-521 Service-Oriented Computing (MSc, major elective) *Deprecated*
- COMP-521 Cloud Computing (MSc, major elective)
- COMP-535 Ethical Hacking (MSc, required for CyberSecurity concentration)
- COMP-595 CyberSecurity Graduate Project (MSc, required for CyberSecurity concentration)

Distance Learning Course Development at University of Nicosia
- COMP-515DL: Distributed Systems with comprehensive Study guide (MSc Distance Learning, required)
- COMP-535DL: Ethical Hacking with comprehensive Study guide (MSc Distance Learning, required for CyberSecurity concentration)
- COMP-537DL Digital Currencies (co-developed) (MSc Distance Learning, required for Blockchain Technologies concentration)
- COMP-539DL Smart Contracts with comprehensive Study guide (MSc Distance Learning, required for Blockchain Technologies concentration)

Course Leader at University of Nicosia
- COMP-114 Software Development Lab II (BSc, required)
- COMP-354 Operating Systems (BSc, required)
- COMP-385 Defensive Programming (BSc Cybersecurity and Privacy Thematic area required)
- COMP-413 Systems Programming (BSc, major elective)

- COMP-417 Parallel and Distributed Computing (BSc, required)
- COMP-433 Ethical Hacking (BSc, major elective)
- COMP-515 Distributed Systems (MSc, required)
- COMP-535 Ethical Hacking (MSc, required for CyberSecurity concentration)
- COMP-515DL Distributed Systems (MSc Distance Learning, required)
- COMP-535DL Ethical Hacking (MSc Distance Learning, required for CyberSecurity concentration)
- COMP-537DL Digital Currencies (co-leader) (MSc Distance Learning, required for Blockchain Technologies concentration)
- COMP-539DL Smart Contracts (MSc Distance Learning, required for Blockchain Technologies concentration)

Approved Tutor for Middlesex University
- CCM–4320 Network Systems and Services
- CCM–4332 Network Security
- CCM–4340 Network Management, Security, and Disaster Recovery
- CCM–4350 Security Architecture and Engineering
- CCM–4902 Postgraduate Project in Computer Communication

Lab Instructor
- CPTS564 Distributed Systems (Graduate level), Fall 2004, Washington State University.
- CPTS122 Data Structures, Spring 1999, Washington State University.

Publication Citation Count[1]

Summary:

Citations	523 (including self citations)
	383 (excluding self citations of all authors)
h-index	12
i10-index	13

1) Harald Gjermundrod, David E. Bakken, Carl H. Hauser, and Anjan Bose (2009) "Gridstat: A flexible QoS-managed data dissemination framework for the power grid", IEEE Transactions on Power Systems, Vol. 24, Issue 1, pp 136-143, IEEE – *cited by 85 (102 including self citations)*

2) Carl H. Hauser, David E. Bakken, Ioanna Dionysiou, K. Harald Gjermundrod, Venkata Irava, Joel Helkey, and Anjan Bose (2007) "Security, trust and QoS in next-generation control and communication for large power systems", International Journal of Critical Infrastructures (Interscience), Vol. 4, No 1-2, pp. 3-16, Wiley InterScience – *cited by 73 (89 including self citations)*

3) David E. Bakken, Carl H. Hauser, Harald Gjermundrod, and Anjan Bose (2007) "Towards more flexible and robust data delivery for monitoring and control of the

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[1] The citation count was obtained using my citations from Google scholar but it was adjusted to exclude self-citations – last updated November 4th, 2017

electric power grid", Washington State University School of EECS, Technical Report EECS-GS-009 – *cited by 40 (51 including self citations)*

4) P. Wolniewicz, N. Meyer, M. Stroinski, M. Stuempert, H. Kornmayer, M. Polak, H. Gjermundrod (2007) "Accessing Grid computing resources with g-Eclipse platform", Computational Methods in Science and Technology (CMST), Vol. 13, No 2, pp 131-141, Scientific Publishers OWN – *cited by 25 (27 including self citations)*

5) Kjell Harald Gjermundrød. "Flexible QoS-Managed Status Dissemination Middleware Framework for the Electric Power Grid". Dissertation wsu e4 2006 g54, Washington State University, Pullman, WA, July 2006 – *cited by 16 (25 including self citations)*

6) Nikolas Stylianides, Marios D. Dikaiakos, Harald Gjermundrød, George Panayi, and Theodoros Kyprianou (2011) "Intensive Care Window: Real-Time Monitoring and Analysis in the Intensive Care Environment", IEEE Transactions on Information Technology in Biomedicine, Vol. 15, No 1, pp. 26–32, IEEE – *cited by 16 (17 including self citations)*

7) K. Harald Gjermundrod, Ioanna Dionysiou, Carl Hauser, David Bakken, and Anjan Bose (2003) "Flexible and robust status dissemination middleware for the electric power grid", Washington State University School of EECS, Technical Report, EECS-GS-003 – *cited by 14 (17 including self citations)*

8) David E. Bakken, Carl Hauser, and Harald Gjermundrød (2010) "Delivery Requirements and Implementation Guidelines for the NASPInet Data Bus", First IEEE International Conference on Smart Grid Communications (SmartGridComm '10), pp. 37-42, Maryland, USA – *cited by 14 (14 including self citations)*

9) Ryan A. Johnston, Carl H. Hauser, K. Harald Gjermundrod, and David E. Bakken (2006) "Distributing time-synchronous phasor measurement data using the GridStat communication infrastructure", 39th Annual Hawaii International Conference on System Sciences, pp. 245b-245b, Hawaii, USA – *cited by 13 (21 including self citations)*

10) H. Gjermundrod, M. D. Dikaiakos, M. Stuempert, P. Wolniewicz, and H. Kornmayer (2008) "g-Eclipse - An Integrated Framework to Access and Maintain Grid Resources", 9th IEEE/ACM International Conference on Grid Computing (Grid 2008), pp. 57-64, Tsukuba, Japan – *cited by 11 (14 including self citations)*

11) H. Gjermundrod, M. D. Dikaiakos, D. Zeinalipour-Yazti, G. Panayi, and Th. Kyprianou (2007) "ICGrid: Enabling intensive care medical research on the egee grid", HealthGrid 2007, pp. 248-257, Geneva, Switzerland – *cited by 10 (15 including self citations)*

12) D. Bakken, A. Bose, C. Hauser, I. Dionysiou, H. Gjermundrod, L. Xu, and S. Bhowmik (2002) "Towards for extensible and resilient real-time information dissemination for the electric power grid", Proceedings of Power Systems and Communications Systems for the Future, International Institute for Critical Infrastructures, Beijing, China – *cited by 7 (13 including self citations)*

13) Daniel Germanus, Ioanna Dionysiou, Harald Gjermundrød, Abdelmajid Khelil, Neeraj Suri, David E. Bakken, and Carl Hauser (2010) "Leveraging the Next-Generation Power Grid: Data Sharing and Associated Partnerships", IEEE PES Conference on Innovative Smart Grid Technologies Europe, pp. 1–8, Gothenburg, Sweden – *cited by 6 (8 including self citations)*

14) H. Kornmayer, M. Stumpert, H. Gjermundrod, and P. Wolniewicz (2008) "g-Eclipse- a contextualised framework for Grid users, Grid resource providers and

Grid application developers", International Conference on Computational Science, pp. 399-408, Krakow, Poland – ***cited by 6 (7 including self citations)***

15) Ioanna Dionysiou, Kjell Harald Gjermundrod, and David Bakken (2002) "Fault tolerance issues in publish-subscribe status dissemination middleware for the electric power grid", Supplement of the 2002 International Conference on Dependable Systems and Networks (DSN-2002), pp. B62-B63, Washington DC, USA – ***cited by 5 (8 including self citations)***

16) S. Abelsen, H. Gjermundrød, D. E. Bakken, and C. H. Hauser (2009) "Adaptive Data Stream Mechanism for Control and Monitoring Applications", In The First International Conference on Adaptive and Self-adaptive Systems and Application, pp. 86-91, Athens, Greece – ***cited by 5 (7 including self citations)***

17) Harald Gjermundrod and Ioanna Dionysiou (2014) "Recirculating Lost Coins in Cryptocurrency Systems", The 1st Workshop on Digital Currencies (DC 2014), Larnaca, Cyprus, May 22, Lecture Notes in Business Information Processing series, Volume 183, pp. 229–240, Springer Verlag – ***cited by 5 (6 including self citations)***

18) Philippos Pouyioutas, Harald Gjermundrod, and Ioanna Dionysiou (2012) "ReProTool Version 2.0 – Re-engineering Academic Curriculum Using Learning Outcomes, ECTS and Bologna Process Concepts", Interactive Technology and Smart Education, Volume 9 Issue 3, ISSN: 1741-5659, pp. 136 – 152, Emerald – ***cited by 3 (7 including self citations)***

19) E. Viddal, D. E. Bakken, H. Gjermundrød, and C. H Hauser (2010) "Wide-Area Actuator RPC over GridStat with Timeliness, Redundancy, and Safety", In International Conference on Complex, Intelligent and Software Intensive Systems (CISIS'10), pp. 17-24, Krakow, Poland – ***cited by 3 (5 including self citations)***

20) D. Bakken, A. Bose, C. Dyreson, S. Bhowmik, I. Dionysiou, H. Gjermundrod, and Lin Xu (2002) "Impediments to survivability of the electric power grid and some collaborative ee-cs research issues to solve them", IEEE 4th Information Survivability Workshop, pp. C2-C5, Vancouver, Canada – ***cited by 3 (5 including self citations)***

21) Andreas Christoforou, Harald Gjermundrød and Ioanna Dionysiou (2015) "HoneyCY: A Configurable Unified Management Framework for Open-Source Honeypot Services", 19th Panhellenic Conference on Informatics (PCI2015), pp. 161 – 164, Athens, Greece, October 1–3 – ***cited by 3 (4 including self citations)***

22) H. Gjermundrod, M. Papa, D. Zeinalipour-Yazti, M. D. Dikaiakos, G. Panayi, and Th. Kyprianou (2007) "Intensive care window: A multi-modal monitoring tool for intensive care research and practice", 20th IEEE Symposium on Computer-Based Medical Systems, pp. 471-476, Maribor, Slovenia – ***cited by 3 (4 including self citations)***

23) Ioanna Dionysiou and Harald Gjermundrod (2012) "sGUTS: Simplified Grid User Trust Service for Site Selection", The 7th International Conference on Internet Monitoring and Protection (ICIMP'12), pp. 40 – 46, Stuttgart, Germany – ***cited by 3 (3 including self citations)***

24) Harald Gjermundrød and Ioanna Dionysiou (2015) "A Conceptual Framework for Configurable Privacy-Awareness in a Citizen-Centric eGovernment", International Journal of Electronic Government, Vol. 11, No. 4, DOI: 10.1504/EG.2015.071398, pp. 258 – 282, Inderscience – ***cited by 2 (3 including self citations)***

25) H. Gjermundrød, D. E. Bakken, and C. H. Hauser (2009) "Integrating an Event Pattern Mechanism in a Status Dissemination Middleware", In The First

International Conferences on Pervasive Patterns and Applications, pp. 259-264, Athens, Greece – *cited by 2 (3 including self citations)*

26) I. Dionysiou, H. Gjermundrød, and D. E. Bakken (2009) "An Initial Approach on Adaptive Trust for Grid Environments", Proceedings of the First Workshop on Computational Trust for Self-Adaptive Systems (Selftrust), part of Adaptive 2009, pp. 719–722, Athens, Greece – *cited by 1 (3 including self citations)*

27) Philippos Pouyioutas, Harald Gjermundrod, and Ioanna Dionysiou (2012) "ReProTool, A Software Tool for the ECTS and Bologna Process Re-engineering of University Programmes", IADIS International Conference e-Society, pp. 19 – 26, Berlin, Germany – *cited by 1 (7 including self citations)*

28) Ioanna Dionysiou, Harald Gjermundrød, and Dave Bakken (2010) "GUTS: A Framework for Adaptive and Configurable Grid User Trust Service", 6th International Workshop on Security and Trust Management (STM 2010), pp. 1–16, Athens, Greece, to appear in LNCS series, Springer-Verlag – *cited by 1 (1 including self citations)*

29) Harald Gjermundrød, Konstantinos Chalkias, and Ioanna Dionysiou (2016) "Going Beyond the Coinbase Transaction Fee: Alternative Reward Schemes for Miners in Blockchain Systems", 20th Panhellenic Conference on Informatics (PCI2016), pp. 35:1 – 35:4, Patra, Greece, November 10–12 – *cited by 1 (1 including self citations)*

30) Harald Gjermundrød, Ioanna Dionysiou and Kyriakos Costa (2016) "privacyTracker: A Privacy-by-Design GDPR-Compliant Framework with Verifiable Data Traceability Controls", 2nd International Workshop on TEchnical and LEgal aspects of data pRIvacy and SEcurity (TELERISE 2016) in conjunction with 16th International Conference on Web Engineering, pp. 3 – 15, Lugano, Switzerland, June 6 – 9 – *cited by 1 (1 including self citations)*

31) Harald Gjermundrød and Ioanna Dionysiou (2015) "CloudHoneyCY - An Integrated Honeypot Framework for Cloud Infrastructures", 1st International Workshop on Information Security, Assurance and Reliability in the Cloud (WISARC) in conjunction with 8th IEEE/ACM International Conference on Utility and Cloud Computing, pp. 630 – 635, Limassol, Cyprus, December 7–10 – *cited by 1 (1 including self citations)*

32) H. Gjermundrød, D. E. Bakken, and C. H. Hauser (2011) "Scalable Wide-Area Multicast with Temporal Rate Filtering Distribution Framework", 11th IEEE International Conference on Scalable Computing and Communications (SCALCOM'2011), pp. 1 – 8, Paphos, Cyprus – *cited by 1 (1 including self citations)*

33) Philippos Pouyioutas, Ioanna Dionysiou, and Harald Gjermundrod (2013) "The Pilot Use and Evaluation of ReProTool Version 3.0", International Conference on Education and New Learning Technologies (EDULEARN13), pp. 4450-4460, 1 – 3 July, Barcelona, Spain – *cited by 1 (1 including self citations)*

34) H. Gjermundrod, N. Loulloudes, M. D. Dikaiakos, P. Wolniewicz, N. Meyer, M. Stuempert, and H. Kornmayer (2008) "g- Eclipse: a Middleware-Independent Framework to Access and Maintain Grid Resources", CoreGRID Integration Workshop (Integrated Research in Grid Computing), pp. 359-370, Crete, Greece – *cited by 1 (1 including self citations)*

35) S. Abelsen, E. S. Viddal, K. H. Gjermundrod, D. E. Bakken, and C. H. Hauser (2007) "Adaptive Information Flow Mechanisms and Management for Power Grid Contingencies", Washington State University School of EECS, Technical Report, EECS-GS-012 – *cited by 1 (1 including self citations)*

36) Philippos Pouyioutas, Harald Gjermundrød, and Ioanna Dionysiou (2010) "The Development of ReproTool: A Software Tool for Developing Programmes Using Learning Outcomes", In IADIS International Conference e-Learning (EL 2010), Volume II, pp. 96–100, Freiburg, Germany – *cited by 0 (10 including self citations)*

37) Philippos Pouyioutas, Harald Gjermundrød, and Ioanna Dionysiou (2010) "The Development of TunTool, a Software Tool for the Tuning Methodology", In 2nd International Conference of Computer Supported Education, Volume II, pp. 401–406, Valencia, Spain – *cited by 0 (8 including self citations)*

38) Philippos Pouyioutas, Harald Gjermundrod, and Ioanna Dionysiou (2012) "E-learning - The Bologna Process, the European Credit Transfer System (ECTS), Learning Outcomes and ReProTool", The 11th International Conference on Web-based Learning (ICWL 2012), pp. 334 – 342, 2 – 4 Sep., Sinaia, Romania – *cited by 0 (4 including self citations)*

39) J. Luna, M. Flouris, M. Marazakis, A. Bilas, M. D. Dikaiakos, H. Gjermundrod, Th. Kyprianou (2008) "A Data-centric Security Analysis of ICGrid", Grid Computing: Achievements and Prospects. S. Gorlatch, P. Fragopoulou, T. Priol (Eds.), pp. 197 – 208, Springer – *cited by 0 (4 including self citations)*

40) Philippos Pouyioutas, Harald Gjermundrod, Ioanna Dionysiou, and Michalis Michael (2011) "MapQFTool, A Software Tool for National Qualification Frameworks", eChallenges (e-2011), pp. 1 – 9, Florence, Italy – *cited by 0 (1 including self citations)*

Extra Curricular Activities
1) Observer at the *European Cyber Security Challenge* 2016, Dusseldorf Germany, November 7 – 9, 2016
2) Nautical Archaeology Society (NAS)
    a. Introduction to Maritime Archaeology Course, June 2016
    b. Underwater Archaeology Course, June 2016
    c. Maritime Archaeology Post-Fieldwork Course for 5 credits, August 2016
    d. Cyprus Fieldschool, Mazotos Wreck, 20th August – 3rd September 2016
        i. NAS Recorder Day
        ii. NAS Surveyor Day
        iii. Archaeological Illustration
3) Voluntary technical diver for the Maritime Archaeological Research Laboratory (MARELab) of the University of Cyprus, 2016 expedition for the excavation of the Mazotos Wreck.
4) Hour of Code 2015, Presented the Hour of Code to Year 6 students at Highgate Private School, Nicosia, Cyprus, Dec. 11, 2015.
5) PADI Master Scuba Diver Trainer (MSDT 330964), Nov. 2016.
6) PADI Open Water Scuba Instructor (OWSI 330964) & Emergency First Aid and Secondary Care Instructor, Sunfish 5 Star IDC Center, Nov. 2014.
7) Attended and completed *DFIN-511 Introduction to Digital Currencies*, University of Nicosia, Summer 2014.
8) First aid and secondary care training, University of Nicosia, Summer 2013.
    a. Acting as a First aider for the 2nd floor main building, Aug. 2013 – present.
9) Examiner, Research by High School Students 2013, University of Nicosia, AY 2013.

10) Attended and completed *GREK-101 Greek Language and Culture I*, University of Nicosia, Summer 2010.
11) Orientation of new international students, Washington State University, Aug. 16–19, 2003.