

Personal Data :

First Name	:	Harco Leslie Hendric
Last/Family Name	:	Spits Warnars
E-mail	:	spitsmatrik@yahoo.com , D3241@binus.ac.id
Nationality	:	Indonesian
Religion	:	Catholic
Mobile phone	:	0621 81318992388
Marital Status	:	Married with 5 children
Sex	:	Male
Place/date of Birth	:	Semarang, Indonesia/21 April 1972
Address	:	Poris Paradise 2 Blok BB 11 NO.28 Tangerang 15148 Indonesia
Indonesian National Lecturer Identity Number (NIDN)	:	0321047201
Indonesian National Lecturer degree	:	Lektor Kepala(Associate Professor)
SCOPUS author identifier	:	50862269600 http://www.scopus.com/authid/detail.uri?authorId=50862269600
Researchgate.net	:	https://www.researchgate.net/profile/Harco_Leslie_Hendric_Spits_Warnars2



Educational Background

Undergraduate program : Information Systems study program , Faculty of Information Technology, Budi Luhur university (www.budiluhur.ac.id) from 1991 – 1995 with degree: Bachelor of Computer (S.Kom)

Postgraduate program : Information Technology study program , Faculty of Computer Science, University of Indonesia. (www.ui.ac.id) from July 2004 – Jan 2007 with degree: Magister of Information Technology (MTI)

PhD Computer Science at school of computing, mathematics and digital technology, Manchester Metropolitan University (www.mmu.ac.uk) Student ID number : 08975791 Sept 2008 – June 2013

Work Experiences

1. Programmer at department of Data Processing Budi Luhur university July 1995 – June 1996
2. Systems analyst at department of Data Processing Budi Luhur university June 1996 – June 2002
3. Secretary of Study Program of Information Systems, Faculty of Information Technology, Budi Luhur university June 2002 – June 2008
4. Full time Lecturer at Faculty of Information Technology, Budi Luhur university (www.budiluhur.ac.id) Agt 1995 – Dec 2013
5. Director of Database, Datawarehouse and Data Mining Research center, Surya university (www.surya.ac.id) Jan 2014 – Agt 2015
6. Full time Lecturer at department of Human Computer Interaction, Surya university (www.surya.ac.id) Jan 2014 – Agt 2015
7. Head development of Internal Quality Assurance Surya university (www.surya.ac.id) Jan 2014 – Agt 2015
8. Full time Lecturer at DCS (Doctor of Computer Science) Bina Nusantara university (www.dcs.binus.ac.id) Sept 2015 – Now
9. Head of Concentration of Information Systems at DCS (Doctor of Computer Science) Bina Nusantara university (www.dcs.binus.ac.id) Sept 2015 – Now

Developing and maintenance systems Experiences :

1. Maintenance Systems
 - 1995 - Budi Luhur payroll information systems.
 - 1995 – Budi Luhur human Resources information Systems.
 - 1996 - TK-SD-SMP-SMA School Aministration System of Budi Luhur foundation
 - 1996 – Budi Luhur Student Administration System.
 - 1997 – Budi Luhur New students Registration System.
2. Developing dan Maintenance System
 - 1997 - P4 Upgrading system of STMIK Budi Luhur

1998 - Academic Adviser System of STMIK Budi Luhur
 2000 - Academic Adviser System of Budi Luhur University
 2000 - Student Administration System of Budi Luhur University
 2001 - New Students Registration System of Budi Luhur University

Computer Skills :

1. Computer Languages

C++	good
Assembler language	good
Pascal	average
Fortran	average
Cobol	average
Visual Basic 6.0	good
Dbase 3+	good
Foxbase	good
Foxpro	average
Java	good
Clipper	excellent
2. Application Programs

Microsoft Word	good
Microsoft Excel	good
Microsoft Powerpoint	good

Web programming

HTML	excellent
Javascript/Jscript	good
Vbscript	good
Active Server Pages	excellent
Personal Home Pages	good
3. Operating Systems

Microsoft DOS	good
Microsoft Windows 95,98,2000,XP,NT	good
Novell	average
Unix	average
3. Database

DBF	good
Microsoft Access	good
Mysql	good
Firebird	good
4. Smart Card Training

11.11, 11.14, 11.17, 7816-3	
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Teaching Experiences

Supervise bachelor degree final year project	1998 - Now
Supervise master degree final year project	2013 - Now

Bachelor Subjects Teaching experiences

1. Assembler
2. Cobol programming
3. FORTRAN programming
4. Algorithm
5. C++ programming
6. Object oriented programming with C++
7. Structured programming
8. Business Application Program (Ms Word, Excell and Powerpoint)
9. Object oriented Modeling Information system
10. Object Oriented Analysis and Design
11. Java Programming

12. Advanced Java Programming
13. Visual basic programming
14. Web Client programming (HTML, Javascript, CSS)
15. Web server programming (ASP or PHP programming)
16. Unix Operating System
17. Database
18. Decision Support System
19. Artificial Intelligence
20. Computer Networking
21. Information Technology Introduction
22. Multimedia
23. Datawarehouse
24. etc

Master degree Subjects Teaching experiences

1. Advanced Databases
2. Advanced Software Engineering
3. Business Data Engineering
4. Knowledge Data Discovery
5. Networking Security

Scholarships

1. Budi Luhur foundation scholarship for bachelor degree, 1991-1995.
2. Budi Luhur foundation scholarship for master degree 2004-2007
3. Higher education, ministry of Education the republic of Indonesia scholarship for PhD degree 2008-2012.

Membership of professional

1. ACM (Association for Computing Machinery) student member number : 0046744, 2009-2011 (www.ACM.org)
2. IEEE (Institute of Electrical and Electronics Engineers) since 2011, member number : 92305834, (www.IEEE.org)
3. IEEE (Institute of Electrical and Electronics Engineers) Indonesia section since 2013, member number : 92305834, (www.IEEE.org)
4. IACSIT (International Association of Computer Science and Information Technology) senior member since jan 2014, (www.IACSIT.org)
5. SDIWC (The Society of Digital Information and Wireless Communication) member ID:3518 since March 2014, (www.SDIWC.net)
6. IAENG (International Association of Engineers) member number: 140849 since April 2014, (www.IAENG.org)
7. AIS (Association for Information Systems) member since May 2014, (<http://www.aisnet.org>)
8. AISINDO (Association for Information Systems Indonesia Chapter) member since May 2014, (<http://www.aisindo.org>)
9. IAES (Institute of Advanced Engineering and Science) member since May 2014, (<http://www.iaesonline.com>)
10. INSTICC (the Institute for Systems and Technologies of Information, Control and Communication) member number 5279 since June 2014, (<http://www.insticc.org/myINSTICC/>)
11. IAENG (International Association of Engineers) member number: 140849, member of the IAENG Society of Artificial Intelligence since june 2014, (<http://www.iaeng.org/ISAI.html>)
12. IAENG (International Association of Engineers) member number: 140849, member of the IAENG Society of Computer Science since june 2014, (<http://www.iaeng.org/ISCS.html>)

13. IAENG (International Association of Engineers) member number: 140849, member of the IAENG Society of Data Mining since June 2014, (<http://www.iaeng.org/ISDM.html>)
14. IAENG (International Association of Engineers) member number: 140849, member of the IAENG Society of Software Engineering since June 2014, (<http://www.iaeng.org/ISSE.html>)
15. ACM (Association for Computing Machinery) Professional member number: 7770330 since July 2014 (www.ACM.org).
16. IASA (an Association for all IT Architects) member ID: 20101208 since July 2014.
17. SQA (Society of Quality Assurance) member ID: 123984 since Oct 2014.
18. WASET (World Academy of Science, Engineering and Technology), as Scientific and Technical Committee & Editorial Review Board on Computer and Information Engineering, <https://www.waset.org/Committees/computer-and-information-engineering> , since Jan 2014
- 19.

Reviewer

1. World Scientific and Engineering Academy and Society (WSEAS) <http://www.worldses.org/review/sep-oct-nov-dec-2007.htm>, <http://www.worldses.org/review/2008reviewers.htm>, <http://www.worldses.org/review/2009reviewers.htm> , <http://www.worldses.org/review/2010reviewers.htm>
2. Behaviour & Information Technology, <http://www.tandfonline.com/action/aboutThisJournal?journalCode=tbit20>
3. Journal of Computer Sciences and Applications (<http://www.sciepub.com/journal/JCSA>), since Jan 2013
4. International Journal of Advanced Computer Science and Applications (IJACSA) (<http://thesai.org/Publications/IJACSA>), since Jan 2013
5. International Journal of Advanced Research in Artificial Intelligence (IJARAI) (<http://thesai.org/Publications/IJARAI>), since Jan 2013
6. International Journal of Computer and Information Technology (IJCIT) (<http://ijcit.com/editorial.php>), since Jan 2013
7. International Journal of Artificial Intelligence (IJAI) (www.ijnngt.org/board.php), since Jan 2014
8. International Journal of N&N GLOBAL Technology (<http://www.ijnngt.org/Board.php>) since Jan 2014.
9. International Journal of Electrical and Computer Engineering (<http://www.iaesjournal.com/online/index.php/IJECE/index>) since March 2016.

Program Committee

1. Faculty of Science and Engineering Research and Development Day, 15th Dec 2010, Manchester Metropolitan University, Manchester, United Kingdom. http://www2.docm.mmu.ac.uk/STAFF/M.Owda/researchday/organising_committee.htm
2. International Conference on Emerging Trends in Computing (ICETiC-2011), 17-18th March 2011, Sri Ramakrishna Engineering College, Coimbatore, Tamil Nadu, India. <http://www.srec.ac.in/ICETC/>
3. International Online-Workshop on Computing (IOWC '11), June 18, 2011.
4. First International Online Conference on Computing 2011 (IIOCC 2011) , September 23-25, 2011.
5. MASAUM International Conference on Business, Education and Creative Technology 2012 (MIC-BECT '12), on 17-18 August 2012, in Bali, Indonesia.
6. 2nd Faculty of Science and Engineering Research and Development Day, 20th April 2012, Manchester Metropolitan University, Manchester, United Kingdom. <http://www2.docm.mmu.ac.uk/STAFF/M.Owda/researchday2012/index.htm>
7. International Conference on Signal Processing and Telecommunications (ICSPT'2013), 24-26 March 2013, Sousse, Tunisia, <http://icspt.net/people/>
8. Science and Information Conference (SAI) 2013, 7-9 October 2013, London, United Kingdom, <http://thesai.org/SAIConference2013/Committees>
9. Science and Information Conference (SAI) 2014, 27-29 August 2014, London, United Kingdom, <http://thesai.org/SAIConference2014/Committees>
10. ICMASCTS'2014 (The IEEE International Conference on Modeling, Analysis and Simulation of Computer and

Telecommunications Systems)) in conjunction with WCCAIS'2014 (World Congress on Computer Applications and Information Systems), 17-19 January 2014, Hammamet, Tunisia, <http://wccais.com/Conference9.php>

11. ICISA'2014 (The IEEE International Conference on Intelligent Systems and Applications) in conjunction with WSWAN'2014 (World Symposium on Web Applications and Networking), 22-24 March 2014, Hammamet, Tunisia, <http://www.wsan.org/OrgCommittees.aspx>
12. ICFECSCE'2014 (The IEEE International Conference on Frontiers in Education: Computer Science and Computer Engineering) in conjunction with WCEECs'2014 (World Congress on E-learning, Education and Computer Science), 13-15 June 2014, Hammamet, Tunisia, <http://wceecs.com/committees.php>
13. ICCCI'2014 (The 5th IEEE International Conference on Computer and Computational Intelligence) in conjunction with WSCNIS'2014 (World Symposium on Computer Networks and Information Security), 13-15 June 2014, Hammamet, Tunisia, <http://wscnis.org/OrgCommittees.aspx>
14. ICoICT'2014 (The 2nd IEEE International Conference on Information and Communication Technology), 28-30 May 2014, Bandung, Indonesia, <http://www.icoict.org>
15. CITEF'2014 (International Conference of Francophone Engineers and Technicians), 16-18 October 2014, Lebanese University, Faculty of Engineering - Rafic Hariri University Campus – Hadath - Beirut – Lebanon, <http://www.CITEF.org>
16. ICCCM'2014 (IEEE 2014 International Conference on Cloud Computing and Multimedia) in conjunction with WCMCS'2014 (2nd World Congress on Multimedia and Computer Science), 9-11 August 2014, Hammamet, Tunisia, <http://worldcmcs.com/OrgCommittees.php>
17. ICTS'2014 (The 8th IEEE International Conference on Information and Communication Technology), 24-25 September 2014, Surabaya, Indonesia, http://icts.if.its.ac.id/2014/?page_id=55
18. BigData 2014 (The International Conference on Data Mining, Internet Computing and Big Data), 17-19 September 2014, Kuala Lumpur, Malaysia, <http://sdiwc.net/conferences/2014/bigdata2014/program-committees/>
19. ICIA 2014 (The 3rd International Conference on Informatics and Applications), 8-10 October 2014, Terengganu, Malaysia, <http://sdiwc.net/conferences/2014/icia2014/>
20. ICIEIS 2014 (The 3rd International Conference on Informatics Engineering and Information Science), 22-24 September 2014, Lodz, Poland, <http://sdiwc.net/conferences/2014/icieis2014/>
21. DINWC 2014 (The 2nd International Conference on Digital Information, Networking and Wireless Communications), 14-16 October 2014, Ghaziabad, India, <http://sdiwc.net/conferences/dinwc14/program-committees/>
22. CSCEET 2014 (The International Conference on Computer Science, Computer Engineering and Education Technologies), 14-16 October 2014, Ghaziabad, India, <http://sdiwc.net/conferences/csceet2014/program-committees/>
23. KDIR 2014 (The 6th International Conference on Knowledge Discovery and Information Retrieval), 21-24 October 2014, Rome, Italy, <http://www.kdir.ic3k.org/ProgramCommittee.aspx>
24. ASUC 2014 (The 5th International Conference on Ad Hoc, Sensor and Ubiquitous Computing), 7-8 November 2014, Dubai, Uni Emirate Arab, <http://aircse.org/2014/asuc/committee.html>
25. IMACSI 2014 (International Conference on Industrial Electronics, Mechatronics, Automation, Computer Systems and Informatics), 11-13 November 2014, Yogyakarta, Indonesia, <http://imacsi.org/>
26. ICCGTA 2015 (2015 International Conference on Computer Graphics Theory and Applications) in conjunction with WCCAIS'2015 (2nd World Congress on Computer Applications and Information Systems), 17-19 January 2015, Hammamet, Tunisia, <http://wccais.org/conferences12.php>
27. EECEA 2015 (The 2nd International Conference on Electrical, Electronics, Computer Engineering and their applications), 12-14 Feb 2015, Manila, Philippines, <http://sdiwc.net/conferences/eecea2015/>
28. WSWAN'2015 (The 2nd World Symposium on Web Applications and Networking), 21-23 March 2015, Sousse, Tunisia, <http://www.wsan.org/OrgCommittees.aspx>
29. EBW 2015 (The 3rd International Conference on E-Technologies and Business on the Web), 26-28 March 2015, Paris, France, <http://sdiwc.net/conferences/ebw2015/program-committees/>
30. CHI UX INDONESIA 2015 (The 1st International Conference on Human Computer Interaction and User Experience) 8-10 April 2015, Bandung, Indonesia, <http://chiuxindo.uxindo.com/chi-ux-indonesia-2015>
31. ICCTIM 2015 (The 2nd International Conference on Computing Technology and Information Management) 21-23 April 2015, Johor, Malaysia, <http://sdiwc.net/conferences/icctim2015/program-committees/>
32. TAECE 2015 (the 3rd International Conference on Technological Advances in Electrical, Electronics and

- Computer Engineering), 29 April-1 May 2015, Beirut, Libanon, <http://sdiwc.net/conferences/taeece2015/program-committees/>
33. DICTAP 2015 (the 5th International Conference on Digital Information and Communication Technology and its Applications), 29 April-1 May 2015, Beirut, Libanon, <http://sdiwc.net/conferences/dictap2015/program-committees/>
 34. ICoICT'2015 (The 3rd IEEE International Conference on Information and Communication Technology), 27-29 May 2015, Bali, Indonesia, <http://www.icoict.org>
 35. Science and Information Conference (SAI) 2015, 10-12 June 2015, London, United Kingdom, <http://thesai.org/SAIConference2015/Committees>
 36. WCITCA'2015 (Word Congress on Information Technology and Computer Application), 11-13 June 2015, Hammamet, Tunisia, <http://www.wcitca.org/OrgCommittees.php>
 37. ICCTIS'2015 (The International Conference on Computer Technology and Information Systems), 13-15 August 2015, Dubai, United Arab Emirates, <http://icctis.org/OrgCommittees.php>
 38. ICCITR'2015 (The International Conference on Communication, Information Technology and Robotics), 13-15 August 2015, Dubai, United Arab Emirates, <http://icctis.org/OrgCommittees.php>
 39. The International Conference on Control, Electronics, Renewable Energy, and Communications (ICCEREC 2015), 27-29 August 2015, Bandung, Indonesia, http://iccerec.org/?page_id=10
 40. APWiMob'2015 (IEEE Asia Pasific Conference on Wireless and Mobile), 27-29 August 2015, Bandung, Indonesia, <http://www.apwimob.org/committee>
 41. ICTS'2015 (The 9th IEEE International Conference on Information and Communication Technology), 16-17 September 2015, Surabaya, Indonesia, <http://icts.if.its.ac.id/2015/committee/>
 42. ICIISCT 2015 (The International Conference on Innovations in Intelligent Systems and Computing Technologies), 18-20 September 2015, Rajasthan, India, <http://sdiwc.net/conferences/iciisct2015/program-committees/>
 43. WSCNIS'2015 (The 2nd World Symposium on Computer Networks and Information Security), 19-21 September 2015, Hammamet, Tunisia, <http://www.wscnis.net/OrgCommittees.php>
 44. KDIR 2015 (The 7th International Conference on Knowledge Discovery and Information Retrieval), 12-14 November 2015, Lisbon, Portugal, <http://www.kdir.ic3k.org/ProgramCommittee.aspx>
 45. Science and Information Conference (SAI) Intelligent Systems Conference 2015, 10-11 November 2015, London, United Kingdom, <http://www.saiconference.com/IntelliSys2015/Committees>
 46. ADMMET 2015 (Advancement on Mechanical and Manufacturing Engineering Technology), 24-26 November 2015, Bandung, Indonesia, <http://admmet.com>
 47. The 3rd WCCAIS'2016 (3rd World Congress on Computer Applications and Information Systems), 9-11 January 2016, Dubai, United Arab Emirates, <http://wccais.org/org.php>
 48. The 3rd WSWAN'2016 (The 3rd World Symposium on Web Applications and Networking), 12-14 March 2016, Dubai, United Arab Emirates, <http://wswan.org/OrgCommittees.php>
 49. ICCCSIT 2016 (The International Conference on Communications, Computer Science and Information Technology) in co-located with The 3rd WSWAN'2016 (The 3rd World Symposium on Web Applications and Networking), 12-14 March 2016, Dubai, United Arab Emirates, <http://icccsit.org/OrgCommittees.php>
 50. The 2nd ICCITR'2016 (The International Conference on Communication, Information Technology and Robotics) in co-located with The 2nd WCITCA'2015 (Word Congress on Information Technology and Computer Application), 2-4 June 2016, Dubai, United Arab Emirates, <http://icctr.org/OrgCommittees.php>
 51. The 2nd WCITCA'2015 (Word Congress on Information Technology and Computer Application), 2-4 June 2016, Dubai, United Arab Emirates, <http://wcitca.org/OrgCommittees.php>
 52. ICCEREC 2016 (International Conference on Control, Electronics, Renewable Energy and Communications), 13-15 September 2016, Bandung, Indonesia. http://iccerec.org/?page_id=10
 53. KDIR 2016 (The 8th International Conference on Knowledge Discovery and Information Retrieval), 9-11 November 2016, Lisbon, Portugal, <http://www.kdir.ic3k.org/ProgramCommittee.aspx>
 54. Science and Information (SAI) Computing conference 2016, 13-15 July 2016, London, United Kingdom, <http://saiconference.com/Computing2016/Committees>
 55. Science and Information (SAI) Intellisys (Intelligent Systems) Conference 2016, 20-22 September 2016, London, United Kingdom, <http://saiconference.com/IntelliSys2016/Committees>
 56. Science and Information (SAI) FTC (Future Technologies Conference) 2016, 6-7 December 2016, San

Fransisco, United States, <http://saiconference.com/FTC2016/Committees>

57. APWiMob 2016 (2016 IEEE Asia Pacific Conference on Wireless and Mobile), 13-15 September 2016, Bandung, Indonesia, <http://www.apwimob.org/committees>
58. ICoICT'2016 (The 4th IEEE International Conference on Information and Communication Technology), 25-27 May 2016, Bandung, Indonesia, <http://www.icoict.org>
- 59.

Advisory Board

1. The Society of Digital Information and Wireless Communications (SDIWC), http://sdiwc.net/Advisory_Board.php from June 2014-Dec 2015.

Editorial Board

1. Journal of Computing and Applications (JCA), International Association for Computer Scientists and Engineers (IACSE) <http://www.iacse.org/jca.html> ,from 2009 until 2010
2. Journal of Information Technology and Operations Management, from 2009 until 2010
3. Journal of Global Research in Computer Science (JGRCS) www.jgrcs.info , since Jan 2010.
4. The International Journal of E-Learning and Educational Technologies in the Digital Media (IJEETDM), <http://sdiwc.net/ijeetdm/editorial-board/> since june 2014.
5. Research&Reviews Journal of Global Research in Computer Science, <http://www.rroj.com/editorialboard-global-research-in-computer-science.php> since Dec 2015.

General Chair International Conference

1. ICEEE 2015 (The 4th International Conference on E-Learning and E-Technologies in Education), 10-11 September 2015, Tangerang, Indonesia, <http://sdiwc.net/conferences/iceee2015/program-committee/>
2. DDDMBD 2015 (The 1st International Conference on Database, Datawarehouse, Data Mining and Big Data), 10-11 September 2015, Tangerang, Indonesia, http://sdiwc.net/conferences/dddmbd2015/?page_id=34

Program Chair International Conference

1. ICPELT 2016 (The 2016 International Conference in Pedagogy, Education and Learning Technology, 23-25 August 2016, Bali, Indonesia, www.icpelt.org
2. International Conference on Applied Computer and Communication Technologies, 27-29 April 2016, Bina Nusantara university, Jakarta, Indonesia, <http://international.binus.ac.id/computer-science/category/uncategorized/>

General Committee (Correspondence) International Conference

1. IEEE TENSYP 2016 (The IEEE Region 10 Symposium), 9-11 May 2016, Bali, Indonesia, <http://tensymp2016.org/>

Assignment

1. Chief of Indonesia ACM SIGCHI Chapter Banten, period 2014-2015 <http://chiuxindo.uxindo.com/>
2. Media chair of CHI UX INDONESIA 2015 (The 1st International Conference on Human Computer Interaction and User Experience) 8-10 April 2015, Bandung, Indonesia, <http://chiuxindo.uxindo.com/chi-ux-indonesia-2015>
3. Committee member of IEEE Region 10 (Asia Pasific region) Conference & Technical Seminar team 2015.

RESEARCH GRANT

1. Research code: RD-2015-0020,
title : Mining Similar Pattern with Attribute Oriented Induction High Emerging Pattern (AOI-HEP) data mining technique
Name of Grant : Program of research incentive of national innovation system (SINAS) from Ministry of Research, Technology and Higher Education of the Republic of Indonesia, decree number 147/M/Kp/IV/2015.

Amount : Rp. 160.000.000,-

Length of research : 10 months (year 2015)

2. Name of Grant : Incentives article in the International Journal 2015, based on Decree of the budget authority directorate of research and community service, Ministry of Research, Technology and Higher Education of the Republic of Indonesia, Number: 2587/E5.4 /Kep/2015, dated October 15, 2015.

Paper title : Mining Frequent and Similar Patterns with Attribute Oriented Induction High Level Emerging Pattern (AOI-HEP) Data Mining Technique.

Name of Journal : International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS), vol. 3, Issue 11, pp.266-276. EISSN : 2279-0047, ISSN: 2279-0055. Source : <http://iasir.net/IJETCASpapers/IJETCAS15-247.pdf>

Amount : Rp. 35.000.000,-

Attended

1. Software expansion in new culture discussion, 2 October 1996
2. Software Testing Discussion , 20 Nopember 1996
3. Homepage Desain with HTML3 and Java applet in internet seminar, 7 December 1996
4. Work Lecture activator, 13 Juni 1997
5. Human resource part in improved college excellence, 9 maret 2000
6. Edutainment Facilitator, 10 – 11 and 25 August 2001
7. Smart internet Environment Technology and research leeway in Australia,17 January, 2002
8. Geographic information system for research and society dedication, 11 July 2002
9. Communication skill is a professional and private key in improved college taste, 7 August 2002
10. Object Oriented Analysis and design with UML, 22 August 2002
11. Education curriculum expansion in information Technology bases on competition, 26 October 2002
12. Curriculum Turning Discussion bases on competition of Technology Information Faculty, 19 Nopember, 2002
13. Curriculum Turning Workshop bases on competition of Technology Information Faculty, 20 Nopember, 2002
14. UML with Rational Rose, 24 – 28 February 2003
15. National sci seminar to greet the 24th Budi Luhur foundation anniversary , April 2003
16. After Image in learning and carier, Februari 17, 2004
17. Oracle9i Worskhop- Oracle Security, February 19, 2004
18. Oracle9i Worskhop- Database Creation on Linux, February 19, 2004
19. Oracle9i Worskhop- Oracle SQL Basic, February 20, 2004
20. Oracle9i Worskhop- Oracle SQL Next Step, February 20, 2004
21. Oracle10g Worskhop- Creating Simple Report(Tabular Report), February 19, 2004
22. Oracle10g Worskhop- Creating Form Calling Report, February 20, 2004
23. National Seminar ,”How secure is your server ?”,Budi Luhur University, Jakarta 11 December 2004
24. Microsoft .Net Seminar ,”Developing mobile application with .NET”, Budi Luhur University, Jakarta 16 April 2005
25. National Seminar, “Knowledge Management to increase competitiveness for small and medium industry”, Le meridian Hotel, Jakarta, 28 April 2005
26. Upgrading and workshop (PENLOK) research methodology for younger lecturer /women study cases in Kopertis regional III, Jakarta 23-24 March 2006
27. Technopreneurship Innovation Seminar in Telematika Industry, Roxy Square lantai 2, 10 August 2006
28. School of services and deepening of Catholic faith – Shekinah, advanced course, deeper A-B, 30 Juli-Oct 2007, SPI III.M-07/020 (www.karismatik-kaj.com)
29. Electronic education of Common theology study (www.pestab.org) course: Fundamental of Christian faith, August-Sept 2007. No Student 2007-08-001585, sertificate number DIK070281
30. Bible education course St. paul, Jl. Dr. Sahardjo, Jakarta Selatan, Semester 1/2007-2008, Student number

07.18.067.

31. National Seminar, “Technological Innovation and knowledge management for development”, Jakarta, 12 Maret 2008.
32. Learning process, 8 Feb 2008, Lecturer Resource Center, University of Bina Nusantara (www.binus.ac.id)
33. Introduction to E-learning, 8 Feb 2008, Lecturer Resource Center, University of Bina Nusantara (www.binus.ac.id)
34. Curriculum Planning, 8 Feb 2008, Lecturer Resource Center, University of Bina Nusantara (www.binus.ac.id)
35. Communication and Facilitating Large Classes, 9 Feb 2008, Lecturer Resource Center, University of Bina Nusantara (www.binus.ac.id)
36. Using Learning management system application, 9 Feb 2008, Lecturer Resource Center, University of Bina Nusantara (www.binus.ac.id)
37. New lecturer induction, 9 Feb 2008, Lecturer Resource Center, University of Bina Nusantara (www.binus.ac.id)
38. Faculty Research and Enterprise Colloquium event, 4-5 Sept 2008, John Dalton Building, Manchester Metropolitan University
39. Postgraduate induction programme 2008/09, 13-17 Oct 2008, Faculty of Science & engineering, John Dalton Building, Manchester Metropolitan University
40. Student Induction Day, 16 Oct 2008, Council Chamber, 1st floor, Ormond Building, Manchester Metropolitan University
41. Writing your proposal, 29 oct 2008, Sandra Bulsem Building, Manchester Metropolitan University
42. Power Searching: put yourself in the driver’s seat, 30 Oct 2008, 10-12 am, Manchester Metropolitan University
43. Intellectual property and Copyright, 30 Oct 2008, 2-3pm, by Sara Shanab, Righton Building, Room 115, Manchester Metropolitan University
44. Create Animate Integrate Tour, 6 Nov 2008, By Autodesk Ltd (www.autodesk.co.uk), Malmaison hotel Manchester, Piccadilly, Manchester, Cheshire, M1 3AQ
45. Microsoft Inspiration Tour, 7 Nov 2008, Room T0.03, C2.04, John Dalton Building, Manchester Metropolitan University
46. International PGR Student Orientation, 11 Nov 2008, Council Chamber, 1st floor, Ormond Building, Manchester Metropolitan University
47. Digital Olympic and Sport-oriented Game, 14 Nov 2008, 11-12 am , Room C2.03, John Dalton Building, Manchester Metropolitan University. Speaker: Prof. Zhigeng Pan, Zhejiang University, China, Editor-in-Chief of the International Journal of Virtual Reality, Editor-in-Chief of Springer Verlag Transactions on Edutainment
48. Faces talk, 14 Nov 2008, 3-5 pm, by Bernie Tiddeman, Room G532 on ISBE (Imaging Science and Biomedical Engineering) Medical School, The university of Manchester
49. Design Visualisation & BIM Seminar, 19 Nov 2008, By Autodesk Ltd (www.autodesk.co.uk), Malmaison hotel Manchester, Piccadilly, Manchester, Cheshire, M1 3AQ
50. MatLab Workshop, 21&28 Nov 2008, Room C3.02 and C3.03, John Dalton Building, Manchester Metropolitan University
51. New To Teaching Programme, 10-12 March 2009, Council Chamber, Ormond Building, Manchester Metropolitan University
52. Eye Tracking in User Studies, 26 June 2009, Room 1.10, Kilburn Building, The University of Manchester. Speaker : Veronica Sundstedt, Graphic Vision and Visualization Group, Trinity College Dublin
53. Workshop on Face Behaviour and Interaction (FBI 2009), 25 August 2009, Room E145, John Dalton Building, Manchester Metropolitan University.
54. Annual Research Student Conference, 14 September 2009, Manchester Metropolitan University
55. Faculty of Science and Engineering Research and Development Day, 15th Dec 2010, Manchester Metropolitan University, Manchester, United Kingdom
56. Manchester GRADschool: Developing the Effective Research Communicator, 3-6 May 2011, Staff House, Sackville Street, The University of Manchester, Manchester, United Kingdom.
57. Conference Paper Presentation, 19th May 2011, Sandra Buslem 2.01, All Saints Campus, Manchester Metropolitan University, Manchester, United Kingdom.
58. The 12th International Conference on Intelligent Data Engineering and Automated Learning (IDEAL), 7-9

September 2011, Universiti of East Anglia, Norwich, United Kingdom.

59. Quantitative Research Methods, 24th Nov 2011, Council Chamber, Ormond Building, Manchester Metropolitan University
60. Leadership in Action, 30TH Nov-2 Dec 2011, Manchester Conference Center, Vitae North West Hub.
61. North-West postgraduate Rep Conference, 5 Dec 2011, University of Salford Students' union.
62. Writing Your Thesis and Understanding the Oral Examination, 8TH Dec 2011, Geoffrey Manton, Room 230, Manchester Metropolitan University.
63. Qualitative Research Methods, 7th March 2012, Righton Building, Room 115, Manchester Metropolitan University
64. 2nd Faculty of Science and Engineering Research and Development Day, 20th April 2012, Manchester Metropolitan University, Manchester, United Kingdom.
65. Scientific Writing course, 15th May 2012, John Dalton Building, Manchester Metropolitan University, Manchester, United Kingdom.
66. IEEE International Symposium on Foundations and Frontiers of Data Mining in conjunction with IEEE International Conference on Granular Computing (IEEE GrC2012), Hangzhou, China, 11-13 August 2012.
67. IEEE Seminar in International Accreditation in Higher Education, Bina Nusantara university, Jakarta, Indonesia, 14 Feb 2013.
68. Training of Internal Quality audit, Internal Quality Assurance body of Surya Institute, Surya University, 6 June 2014.
69. Training activity for creating paper which is published on international journal for private university lecturer in Kopertis region IV, Kopertis region IV, ministry of Culture and Education, Jatinangor, Indonesia, 11-13 June 2014.
70. IEEE Seminar on Sharing Experience of Accreditation Result on Engineering Universities in Indonesia, Sekolah Teknik Elektro dan Informatika, Institut Teknologi Bandung, Bandung, Indonesia, 10 Oct 2014.
71. Technical guidance for Higher education Internal Quality Assurance documents in Kopertis region IV, ministry of Culture and Education, Jatinangor, Indonesia, 6-8 November 2014.

Invited Speaker

1. "What is research", Seminar Untuk Mahasiswa (2013-2014), Lembaga Penelitian Surya University Research Hub (LP-SURH), Auditorium Surya University, 3 Desember 2014.

Textbook

1. Textbook Electronic Data Processing introduction
2. Textbook Operating System introduction
3. Textbook Assembler
4. Textbook operating system unix
5. Textbook Internet
6. Textbook ASP (Active Server Pages)
7. Textbook Object Oriented Programming
8. Textbook C++
9. Textbook Microsoft Excell
10. Textbook Microsoft Powerpoint
11. Textbook Cobol
12. Textbook Fortran
13. Textbook Pascal
14. Textbook Foxbase
15. Textbook Foxpro
16. Textbook Object Oriented Modelling with UML 2.0
17. Textbook Java Programming

18. Textbook Advanced Java Programming
19. Textbook Artificial Intelligence
20. Local magazine, Warta Shekinah, "How to become the winner Catholic", no.06/th 3/Nov-Des 2008

Published papers in some conferences and journals list at DBLP Bibliography as author name Spits Warnars (<http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/w/Warnars:Spits.html>) and Spits Warnars H.L.H (http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/h/H:Spits_Warnars_H=L.html), or list at arxiv.org Cornell university library (http://arxiv.org/a/spitswarnars_h_1).

National Indonesian Journal

1. Spits Warnars, H.L.H., (2002), "Cobol Dot Net", Journal Swara.
2. Spits Warnars, H.L.H., (2003), "Sistem Operasi unix", Journal Padma.
3. Spits Warnars, H.L.H., (2004), "Perbandingan Shell Unix", Journal Widya, Vol 21, No. 230, pp. 9-15, Nopember 2004.
4. Spits Warnars, H.L.H., (2005), "Perbandingan Shell Unix", Journal Budi Luhur Information Technology (BIT), Vol 1, no.3, Januari 2005.
5. Spits Warnars, H.L.H., (2005), "Kelemahan website Komisi Pemilihan Umum (KPU)", Journal Budi Luhur Information Technology (BIT), Vol.2, No.1 April 2005.
6. Spits Warnars, H.L.H., Untung Rahardja, (2005), "Critical Success Factor of IT Planning Effectiveness in a Developing Country", Journal Budi Luhur Information Technology (BIT), Vol. 2, No.2, September 2005.
7. Spits Warnars, H.L.H., (2008), "Rancangan Infrastruktur E-Bisnis Business Intelligence Pada Perguruan Tinggi", Journal Telkomnika, Vol.6 No. 2, pp. 115-124, August 2008. ISSN : 1693-6930, Source: <http://telkomnika.ee.uad.ac.id/n9/files/Vol.6No.2Agt08/6.2.8.08.06.pdf>
8. Spits Warnars, H.L.H., (2008), "Analisa Dampak Investasi Teknologi Informasi Proyek Data Warehouse Pada Perguruan Tinggi Swasta Dengan Metode Simple Roi", Journal Informatika, Vol.9, No.2, pp. 101-108, November 2008. ISSN : 1441-0105, Source: <http://puslit2.petra.ac.id/ejournal/index.php/inf/article/view/17868/17797>
9. Spits Warnars, H.L.H., (2009), "Desain ETL dengan contoh kasus Perguruan Tinggi", Journal Informatika, Vol.10, No.2, pp. 86-93, November 2009. ISSN : 1441-0105, Source: <http://puslit2.petra.ac.id/ejournal/index.php/inf/article/view/18250/18118>
10. Spits Warnars, H.L.H., (2009), "Simple ROI untuk justifikasi investasi proyek Data Warehouse pada perguruan tinggi swasta", Journal Ilmiah Teknik Komputer, Vol. 1, No. 1, pp. 64-84, November 2009. ISSN : 2085-6407. Source: <http://arxiv.org/ftp/arxiv/papers/1006/1006.1676.pdf>
11. Spits Warnars, H.L.H., (2010), "Desain model data warehouse dengan contoh kasus perguruan tinggi", Journal of Industrial Engineering and Management System (JIEMS), Vol. 3, No. 1, pp. 9-20, February 2010. ISSN : 1979-1720. Source : https://www.researchgate.net/publication/261613375_Desain_model_Data_Warehouse_dengan_contoh_kasus_Perguruan_Tinggi?ev=prf_pub
12. Spits Warnars, H.L.H., (2010), "Tata Kelola Database Perguruan Tinggi Yang Optimal Dengan Data Warehouse", Journal Telkomnika, Vol. 8 No. 1, pp. 25-34, April 2010. ISSN : 1693-6930. Source: <http://telkomnika.ee.uad.ac.id/n9/files/Vol.8No.1Apr10/8.1.4.10.04.pdf>
13. Spits Warnars, H.L.H., (2010), "Decision Support System for Earthquake Disaster Management, Study Case in Indonesia", Journal Ilmiah Teknik Komputer, Vol. 1 No.2, September 2010. ISSN : 2085-6407. Source: https://www.researchgate.net/publication/261613462_Decision_Support_System_for_Earthquake_Disaster_Management_Study_Case_in_Indonesia?ev=prf_pub
14. Spits Warnars, (2014), "Perbandingan penggunaan Database OLTP (Online Transactional Processing) dan Data Warehouse", Creative Communication and Innovative Technology (CCIT) journal, Vol. 8 No. 1, pp. 83-100, September 2014. ISSN: 1978-8282.
15. Harco Leslie Hendric Spits Warnars, Epafra Suria, Darren Kent Jeremy, (2015), "Pemahaman teori Data Warehouse bagi Mahasiswa tahun awal jenjang strata satu bidang ilmu komputer", jurnal informatika, Vol. 13, No.1, Mei 2015, pp. 20-24. <http://jurnal.informatika.petra.ac.id/index.php/inf/article/view/19483>
16. Harco Leslie Hendric Spits Warnars, Nurhadi (2015), "Pemodelan E-Learning dengan Framework Learning Technology System Architecture (LSTA) pada STMIK Pranata Indonesia", Jurnal Sistem Komputer, Vol. 5

No.1, pp. 31-41. <http://jsiskom.undip.ac.id/index.php/jsk/issue/view/11>

17. (Under review) Muhamad Iskandar Wijaya, Spits Warnars (2015), "Merancang Data Warehouse Piutang Nasabah dengan metodologi Agile", jurnal informatika, universitas Petra, <http://jurnalinformatika.petra.ac.id>
18. (Under review) Spits Warnars (2015), "Pemodelan E-Learning Perguruan Tinggi dengan menggunakan Framework Learning Technology System Architecture (LTSA) dan Unified Modeling Language (UML)", Jurnal Ilmiah Teknologi Informasi (JUTI), Institut teknologi Sepuluh Nopember Surabaya, <http://juti.if.its.ac.id>

International Journal

1. Spits Warnars, H.L.H., (2010), "Attribute oriented induction with star schema", International Journal of Database Management system (IJDMS), Vol. 2, No. 2, pp. 20-42, May 2010. ISSN: 0975-5705. Source: <http://airccse.org/journal/ijdms/papers/0510ijdms02.pdf>
2. Spits Warnars, H.L.H., (2010), "Game Information System", International Journal of Computer Science and Information Technology (IJCSIT), Vol. 2, No. 3, pp. 135-148, June 2010. ISSN: 0975-3826. Source: <http://airccse.org/journal/jcsit/0203csit10.pdf>
3. Spits Warnars, H.L.H., (2010), "Star Schema Design for Concept Hierarchy in Attribute Oriented Induction", Internetworking Indonesia Journal, Vol. 2, No. 2, pp. 33 - 39, fall 2010. ISSN : 1942-9703. Source: http://www.internetworkingindonesia.org/Vol2-No2-Fall2010/ijj_vol2_no2_2010_warnars.pdf
4. Spits Warnars, H.L.H., (2011), "Object Oriented Modeling with unified modelling language 2.0 for simple Software Application based on Agile methodology", Behaviour & Information Technology an International Journal, vol. 30, Issue 3, pp. 293-307. ISSN : 0144-929X Source : <http://www.informaworld.com/smpp/content~db=all~content=a915370383~frm=titlelink>
5. Spits Warnars, (2014), "Mining Frequent and Similar Patterns with Attribute Oriented Induction High Level Emerging Pattern (AOI-HEP) Data Mining Technique", International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS), vol. 3, Issue 11, pp.266-276. EISSN : 2279-0047, ISSN: 2279-0055. Source : <http://iasir.net/IJETCASpapers/IJETCAS15-247.pdf>
6. (Under review) Spits Warnars (2015), "Using Attribute Oriented Induction High level Emerging Pattern (AOI-HEP) to mine Frequent pattern", Journal of ICT Research and Applications, <http://journal.itb.ac.id/index.php?li=articlesandabstracts&id=170&pre=1>
7. Harco Leslie Hendric Spits Warnars, Muhamad Iskandar Wijaya, Hok Bun Tjung, Dendy Fransiskus Xaverius, Dedy Van Hauten, Sasmoko (2016), "Easy understanding of Attribute Oriented Induction (AOI) characteristic rule algorithm", International journal of Applied Engineering Research (IJAER), vol. 11, No. 8, pp. 5369-5375. ISSN-0973-4562. Source: http://www.ripublication.com/ijaer16/ijaerv11n8_03.pdf

National Indonesian Conferences

1. Spits Warnars, H.L.H., (2006), "Efektifitas Teknologi Informasi Dalam Proses Belajar Mengajar Pada Universitas Budi Luhur", National Seminar Information Technology Application 2006, University of Islam Indonesia, pp. 23-26, Yogyakarta, 17 June 2006.
2. Spits Warnars, H.L.H., (2006), "Multidimensi pada Data Warehouse dengan menggunakan rumus Kombinasi", The 2nd National Seminar, National Seminar Information Technology Application 2006, University of Islam Indonesia, pp. 1-6, Yogyakarta, 17 June 2006.
3. Spits Warnars, H.L.H., (2006), "Efektifitas Teknologi Informasi Dalam Proses Belajar Mengajar Pada Universitas Budi Luhur", The 2nd National Seminar, engineer industry and information technology, Sekolah Tinggi Teknologi Nasional, Yogyakarta, 15 July 2006.
4. Spits Warnars, H.L.H., (2006), "Multidimensi pada Data Warehouse dengan menggunakan rumus Kombinasi", The 2nd National Seminar, engineer industry and information technology, Sekolah Tinggi Teknologi Nasional, Yogyakarta, 15 July 2006.
5. Chairil Anwar, Spits Warnars, H.L.H., (2009), "Sistem Informasi Akademik Online sebagai Penunjang Sistem Perkuliahan", Information System National Conference (KNSI) 2009, University of Islam Indonesia, Yogyakarta, 17 Januari 2009, ISBN : 978-979-1153-66-9. Source : <http://arxiv.org/ftp/arxiv/papers/1006/1006.2082.pdf>
6. F.A. Pardede, Spits Warnars, H.L.H., (2009), "Pemanfaatan Teknologi Sistem Informasi Geografis Untuk Menunjang Pembangunan Daerah", National seminar University of Budi Luhur 2009, University of Budi Luhur, Jakarta, 14-15 August 2009. Source: <http://arxiv.org/ftp/arxiv/papers/1006/1006.2085.pdf>

7. Spits Warnars, H.L.H., (2010), "Classification rule with simple select SQL statement", National seminar Budi Luhur University 2010, Budi Luhur University, Jakarta, 5 August 2010. ISBN: 2087-0930. Source : <http://arxiv.org/ftp/arxiv/papers/1006/1006.2088.pdf>
8. Harco Leslie Hendric Spits Warnars, Yanto Setiawan, Hok Bun Tjung, Dedy Van Hauten, Nizirwan Anwar, Rizki Hesanda,(2015), "Mining similar pattern with Attribute Oriented Induction High level Emerging Pattern (AOI-HEP)", The National Scientific Conference (INSINAS 2015) for Program of research incentive of national innovation system (SINAS) from Ministry of Research, Technology and Higher Education of the Republic of Indonesia, Bandung, Indonesia, 3-4 December 2015.

International Conferences

1. Spits Warnars, H.L.H., (2006),"Multidimensional Datwarehouse with Combination formula", The 2nd International Conference on Information and Communication Technology and Systems (ICTS), Informatics Department, Faculty of Information Technology, Institute of Technology Sepuluh Nopember (ITS), Surabaya, Indonesia, 29 August 2006.
2. Spits Warnars, H.L.H., (2008), "Virtual Information system on Working area", Indonesian Students' International Scientific Meeting, (Temu Ilmiah Internasional Mahasiswa Indonesia, TIIMI), pp. 169-181, London, United Kingdom, 5-7 December 2008. Source : <http://arxiv.org/ftp/arxiv/papers/1006/1006.1701.pdf>
3. Spits Warnars, H.L.H., (2009), "Indonesian Earthquake Decision Support System", The 5th International Conference on Information & Communication Technology and Systems (ICTS) 2009, Informatics Department, Faculty of Information Technology, Institute of Technology Sepuluh Nopember (ITS), Surabaya, Indonesia, 3-4 August 2009. Source : <http://arxiv.org/ftp/arxiv/papers/1006/1006.1703.pdf>
4. Spits Warnars, H.L.H., (2009), "Sistem Pengambilan Keputusan Penanganan Bencana Alam Gempa Bumi di Indonesia", Olympic Innovative Paper International Conference (Proceeding Olimpiade Karya Tulis Inovatif ,OKTI), L'association des Etudiants Indonesiens en France,Paris, pp. 89, France, 10-11 Oct 2009. Source: <http://arxiv.org/ftp/arxiv/papers/1006/1006.1704.pdf>
5. Spits Warnars, H.L.H., (2010),"Measuring Interesting rules in characteristic rule", the 2nd International Conference on Soft Computing, Intelligent System and Information Technology (ICSIT), pp. 152-156, Bali, Indonesia, 1-2 July 2010. ISBN: 978-602-97124-0-7. Source : <http://arxiv.org/ftp/arxiv/papers/1006/1006.1692.pdf>
6. Spits Warnars, H.L.H., (2010),"Attribute Oriented Induction with simple select SQL Statement", the 1st International Conference on Computation for Science and Technology (ICCST-I), Chiang Mai, Thailand, 4-6 August 2010. Source : <http://arxiv.org/ftp/arxiv/papers/1006/1006.1695.pdf>
7. Spits Warnars, H.L.H., (2010),"Human face as human single identity", the 4th Indonesia Japan Joint Scientific Symposium (IJSS), Bali, Indonesia, Sept 29- Oct 1 2010. ISSN : 2087-577. Source: <http://arxiv.org/ftp/arxiv/papers/1405/1405.6168.pdf>
8. Maybin K. Mueyba, Muhammad S. Khan, Spits Warnars, John A. Keane, (2011),"A Framework to Mine High-Level Emerging Patterns by Attribute-Oriented Induction", the 12th International Conference on Intelligent Data Engineering and Automated Learning (IDEAL), Universiti of East Anglia, Norwich, United Kingdom, 7-9 September 2011, pp. 170-177. ISBN: 978-3-642-23877-2. Source : <http://dl.acm.org/citation.cfm?id=2037010.2037031>
9. Spits Warnars (2012),"Attribute Oriented Induction of High-level Emerging Patterns", IEEE International Symposium on Foundations and Frontiers of Data Mining in conjunction with IEEE International Conference on Granular Computing (IEEE GrC2012), Hangzhou, China, 11-13 August 2012.
10. Spits Warnars (2014),"Mining Frequent Pattern with Attribute Oriented Induction High level Emerging Pattern (AOI-HEP)", IEEE the 2nd International Conference on Information and Communication Technology (IEEE ICoICT 2014), Bandung, Indonesia, pp. 144-149, 28-30 May 2014.
11. Spits Warnars, Sasmoko, Nancy Susianna (2014), "Introduction investigation: Executive Information System for university", 9th ASEAN Conference on Science and Technology week 2014 (COSAT), Bogor, Indonesia, pp. 353-363, 18-20 August 2014.
12. Spits Warnars (2014), "Attribute Oriented Induction High Level Emerging Pattern (AOI-HEP) future research", IEEE the 8th International Conference on Information & Communication Technology and Systems (ICTS), Surabaya, Indonesia, pp. 13-18, 24-25 September 2014.
13. Spits Warnars (2015), "Lecturer Decision Support System(DSS) based on Indonesian Lecturer Academic Position Rank", The International Conference on Human-Computer Interaction and User Experience (CHIuXiD 2015), Bandung, Indonesia, pp. 7-10, 8-10 April 2015.

14. Spits Warnars (2015), "Mining Patterns with Attribute Oriented Induction", The International Conference on Database, Data Warehouse, Data Mining and Big Data (DDDMBD2015), Tangerang, Indonesia, pp. 11-21, 10-12 September 2015.

Book

1. Graphic Programming with java, with access MsAccess and MySQL database, Graha Ilmu, 2006, ISBN: 979-756-093-8

Jakarta, July 2015

Spits Warnars Harco Leslie Hendric

