

Curriculum Vitae

Personal

Name	: S e l o	Office Address	: Department of Electrical Engineering
Family Name	: Sulistyo		Gadjah Mada University
Date of birth	: March 01, 1972		Grafika st. 2 Yogyakarta
Sex	: Male / 172cm/73Kg		Indonesia 22581
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Academic degree: Master of Science, M.Sc.

Language

- Indonesian
- English
- Norsk (Norwegian)

Course and Education

2004 – now	Mahasiswa S3 di Sekolah Pascasarjana UGM
2001 – 2003	MSc degree in Information and Communication Technology, AUC, Norway MSc Thesis: “ MDA and Integration of Legacy Systems ”
2000 – 2001	Norwegian Course, Høgskulen i Volda
1997 – 2000	MSc degree in Instrumentation and Control Engineering, Gadjah Mada University, Indonesia MSc Thesis: “ Visualization of Industrial Process Monitoring: A Case study and Implementation of Software Development. ”
1991 – 1996	Bachelor degree in Control Engineering. Title: “Hardware Implementation of Configurable I/O system with 8088: <i>An alternative system to Programmable Logic Controller</i> ”
1988 – 1991	Senior High School
1985 – 1988	Secondary School

Employment/Position

Feb, 1997 - now,	Lecturer at the Department of Electrical Engineering, Gadjah Mada University Indonesia
2004 – sekarang,	Anggota Dewan Pembina Pengabdian pada Masyarakat Fakultas Teknik UGM
2004 – sekarang,	Kepala Laboratorium Elektronika Dasar, JTE UGM

Teaching Experiences

2003 – now	Operating System
2004 – now	Microprocessor - Based Systems
2004	Internet Based Contemporary Applications
2005 – 2006	Object Oriented Programming
2004 – now	Distributed Systems

Programming Language and Modelling Tool

- Delphi, Java, C++
- UML (Rational Rose Suite, Poseidon, iUML)

Thesis

1. **Selo**, W. Najib, 2003, MDA and Integration of Legacy System, Agder University College, Norway.
2. **Selo, 2000**, Visualization of Industrial Process Monitoring: *A Case study and Implementation of Software Development*, Gadjah Mada University, Indonesia

Conferences

1. Mohagheghi, P., Nyttun, J.P., **Selo**, Warsun Najib., 2003, **MDA and Integration of Legacy Systems: An Industrial Case Study**. Proc. of [MDAFA'03](#), Workshop on Model Driven Architecture: Foundations and Applications, 26-27 June 2003, University of Twente, Enschede, The Netherlands. *CITT Technical Report TR-CITT-03-27*, University of Twente, Mehmet Aksit (ed.), pp. 85-90.
2. W. Najib, **Selo**, 2003, *Procedural Source Code to Object Oriented Concept Transformation*, Proceeding Seminar on Electrical Engineering, Gadjah Mada University, ISBN 979-97956-0-5
3. **Selo**, 2004, Interkoneksi WLAN dan GPRS untuk akses Internet, prosiding Seminar ECCIS, Universitas Brawijaya, Malang 25-26 Mei 2004, ISBN 979-98532-0-6.
4. **Selo**, 2004, Rancang Bangun PLC berbasis ATMEL 8951, prosiding Seminar ECCIS, Universitas Brawijaya, Malang 25-26 Mei 2004, ISBN 979-98532-0-6.
5. **Selo**, Asfan, Bambang Sutopo, Samuel, 2005, Rancang Bangun PLC dan ladder programming berbasis AVR908535, prosiding Seminar Rekayasa Industri dan Informasi, Sekolah Tinggi Teknologi Nasional Yogyakarta, 11 Juni 2005, ISBN 979-99711-0-1
6. **Selo**, Agus Dwi Basuki, 2005, Implementation of XML-RPC on a web based Distributed Control Systems, Proc. of International Conference on Instrumentation, Communications and Information Technology, Bandung, Indonesia. Dept. of Physics ITB and **Institut fur Mess-und Automatisierungstechnik, Unibw Muenchen**. 3rd-5th august 2005, ISBN 979-96520-1-4
7. Budi Setiyanto, **Selo**, 2005, Implementation of CDMA system as a trainer, Proc. of International Conference on Instrumentation, Communications and Information Technology, Bandung, Indonesia. Dept. of Physics ITB and **Institut fur Mess-und Automatisierungstechnik, Unibw Muenchen**. 3rd-5th august 2005, ISBN 979-96520-1-4
8. **Selo**, 2005, Ciri-ciri Teknologi Informasi untuk akses Informasi di Internet oleh Masyarakat Pedesaan, Prosiding Seminar Nasional Pendidikan Teknik Elektro Universitas Negeri Yogyakarta, ISSN 0216-034X
9. **Selo, Eka Firmansyah, Iswanto**, 2006, Aplikasi DS80C400 sebagai Network Bridge dalam Jaringan PLC berbasis AVR90S3585, Seminar Rekayasa Industri dan Informasi, Sekolah Tinggi Teknologi Nasional Yogyakarta, 15 Juli 2006
10. **Selo**, 2006, Pengembangan model DCS berbasis Web, 2006 Seminar Rekayasa Industri dan Informasi, Sekolah Tinggi Teknologi Nasional Yogyakarta, 15 Juli 2006
11. **Selo**, 2006, Transfer gambar melalui gelombang RF pada sistem akses internet menggunakan televisi, Seminar SRITI Akakom, 1 Juli 2006
12. **Selo**, Achmad Yani, Ambar, 2006, Pengembangan Konverter html ke Jpeg, 2006 Seminar SRITI Akakom, 1 Juli 2006

Invited Talks

1. **Selo**, 2003, *Mobile Information System for Medical Response in Disaster*, Proceeding of Mobile Communication and Related Signal Processing Field Wise Seminar., Chulalongkorn University, Thailand, 27-28 October 2003.
2. **Selo**, 2004, Research Activities on CDMA for Educational Purpose, Proceeding of Wireless Communication and RF Electronic Field Wise Seminar, University of Philipines, 17-18 November 2004

Field of Interests

- Mobile and Distributed Applications
- Information and Communication Technology
- Distributed Web - based Control Systems
- Software Applications

List of succesful independent programming projects

- 2005, Geographic Information System for Water Resources in Central Java Province (Delphi)
- 2005, Implementation of Peer-to-Peer Communication Based with JXTA Technology
- 2004, Integrating of Ticketing Information with Java Technology
- 2003, SMS based services for academic information system with Java

Projects(year, position, project name, budget)

2005, member, Ship Tracking Systems, Rp. 450.000.000
2005, leader, [GIS software for Water Resources Data Unit](#), Rp. 56.000.000
2000, member, Automatic pH monitoring system, Pabrik Gula di Situbondo, Rp. 150.000.000
2000, member, Komputerisasi Timbangan Pabrik Gula, Madium, Rp. 10.000.000
2000, leader, PLC installation for laboratory, AKPRIND, Rp. 52.000.000

Research Grant

2006 Grant Penelitian, A2 Teknik Elektro UGM, Rp. 30.000.000
Pengembangan Teknologi Akses Informasi Internet Menggunakan Pesawat Televisi
Achmad Yani, **Selo**
2005 DPP grant, UGM, Rp. 7.500.000
Perancangan Antarmuka beresolusi rendah
Achmad Yani, **Selo**
2005 Bussinno Grant, DUE-like, UGM, Rp. 22.500.000
[Inovasi Sistem Pembelajaran Matakuliah Sistem Basis Data](#)
Teguh Bharata Adji, **Selo**, Nurul Indarti
2005 Grant Penelitian, A2 Teknik Elektro UGM, Rp. 25.000.000
[Pembuatan Model DCS untuk tujuan Pembelajaran](#)
Selo, Astria Nur Irfansyah
2004 DPP grant, UGM, Rp. 7.500.000
Design and Implementation PLC with 8951
Selo, Samiadji H,
2004 DIK MAK, UGM, Rp. 11.000.000
Study: Internet access at remote and rural area
Sujoko Sumaryono, **Selo**
2004 Bussinno Grant, DUE-like, UGM, Rp. 30.000.000 [presentasi](#), [hasil](#)
Inovasi Sistem Pembelajaran Matakuliah Rekayasa Perangkat Lunak
Sujoko Sumaryono, **Selo**, Nurul Indarti, Wahyuni
2003 Bussinno Grant, DUE-like, UGM Rp. 30.000.000
Inovasi Sistem Pembelajaran Matakuliah Elektronika Terapan untuk Mendukung Kegiatan Home Industri
Selo, Bambang Sutopo, Nurul Indarti, Supriaswoto
2002 --
2001 --
2000 --
1999 DPP grant, UGM, Rp.3.000.000
1998 DPP grant, UGM, Rp. 3.000.000

Community Services

1. **2006**, Ketua Tim pengabdian masyarakat pasca gempa, Instalasi penerangan jalan dan instalasi rumah tangga di Desa Sumber Agung Jetis, Bantul, Yogyakarta
2. **2005**, Ketua Tim pengabdian masyarakat di Desa Margomulyo, Kec. Seyegan : Pelatihan Elektronika untuk masyarakat