



# Hadi Sutopo

Jl. Kunti 87, Jatikramat Indah Estate, Pondok Gede - Bekasi 17421 - Indonesia  
Email: hadi.sutopo@kalbis.ac.id, hadi.sutopo@ieee.org  
Personal website: [www.topazart.info](http://www.topazart.info)  
Phone: +62 82111900707

## Personal

Full Name : **Hadi Sutopo**  
Alias : *Ariesto Hadi Sutopo alias Topaz*  
Date of Birth : 15 April 1945  
Nationality : Indonesian  
Gender : Male  
Senior Member IEEE # : 93004232  
Current position : Dean, Faculty of Creative Industries,  
Kalbis Institute - Jakarta, Indonesia

## Professional Title

Lecturer, Multimedia Specialist, Painter

## Research Interests

Multimedia, Educational Technology, Computer Graphic and Mobile Game

## Education

2006 - 2009 **Doctor of Educational Technology**  
Jakarta State University, Jakarta, Indonesia  
Dissertation: "Developing Multimedia Application Development Especially  
Puzzle Game Development for Multimedia Course"

1996 - 1998 **Master of Management Information System**  
Gunadarma University, Jakarta, Indonesia  
Thesis: "Publishing Information Systems Design at XYZ Publisher"

1991 - 1995 **Bachelor of Informatics**  
University of Persada Indonesia Y.A.I, Jakarta, Indonesia  
Thesis: "Object-Oriented Atricle Documentation System Design and  
Implementation."

## Professional Career

2017 - present	<b>Dean</b> , Faculty of Creative Industries, Kalbis Institute, Jakarta
2013 - 2017	<b>Dean</b> , Faculty of Computer Science and Communication Science, Kalbis Institute, Jakarta
2010 - present	<b>Lecturer</b> , <i>ICT in Education and Educational Multimedia Information Systems</i> . Universitas Negeri Jakarta, Jakarta. [join in Post Graduate Program]
2009 - present	<b>Lecturer</b> , <i>ICT in Education</i> . Universitas Sultan Ageng Tirtayasa, Serang. [join in Post Graduate Program]
2008 - 2011	<b>Lecturer</b> , <i>Multimedia, and Flash Scripting</i> . Universitas Multimedia Nusantara, Tangerang [join in Visual Communication Design Department of Faculty of Art and Design]
2007 - present	<b>Lecturer</b> , <i>Multimedia, Research Method in IT, and Information Technology Project Management</i> . Institut Teknologi dan Bisnis Kalbis, Jakarta. [join in Faculty of Computer Science and Communication Science]
2004 - 2011	<b>Lecturer</b> , <i>Multimedia</i> . Sekolah Tinggi Teknik Multimedia Cendekia Abditama.,Tangerang [join in Department of Informatics] Head of Informatics Department
2004 - 2014	<b>Lecturer</b> , <i>Multimedia and Geographic Information Systems</i> . Universitas Tarumanagara, Jakarta [join in Department of Informatics at Information Technology Faculty]
2001 - 2007	<b>Lecturer</b> , <i>Multimedia, Computer Graphics, and Image Processing</i> . STMIK Perbanas, Jakarta [join in Department of Informatics]
1995 - present	<b>Lecturer</b> , <i>Multimedia, Computer Graphics, and Game Programming</i> . Universitas Persada Indonesia YAI. Jakarta [join in Department of Informatics of Faculty of Technique]
1993	<b>Function Decorator</b> at Grand Hyatt Hotel. Jakarta
1992 - 1998	<b>Function Decorator</b> at Borobudur Inter-Continental Hotel. Jakarta
1986 - 1995	<b>Graphic Designer and Head of Publishing Preparation</b> at Indonesian Bible Society. Jakarta
1980 - 1986	<b>Graphic Designer</b> at Cipta Loka Caraka Publisher. Jakarta
1970 - present	<b>Painter</b>

## Reviewer

2019	IACSIT - 11th International Conference on Education Technology and Computers (ICECT 2019)
2019	International Conference on Artificial Intelligence and Information Technology (ICAIIT 2019)
2019	International Conference on Software Engineering and Information Management (CSAI 2019)
2018	International Conference on Computer Science and Artificial Intelligence (CSAI 2018)
2017	International Conference on Information Management and Technology (ICIMTech 2017)
2017	IACSIT - 8th International Conference on Distance Learning and Education (ICDLE 2017)

- 2017 IACSIT - 9th International Conference on Education Technology and Computers (ICECT 2017)
- 2016 IACSIT - 8th International Conference on Information and Multimedia Technology (ICIMT 2016)
- 2016 IEEE Asia-Pacific Conference on Applied Electromagnetics (APACE 2016)
- 2016 International Conference on Information Management and Technology (ICIMTech 2016)
- 2016 IEEE Region 10 Symposium (TENSYPMP'16)
- 2016 International Journal of Computer Theory and Engineering (IJCTE), Singapore.
- 2013 Advanced in Information Sciences and Service Sciences (AISS). An International Journal of Research and Innovation. Korea
- 2012 IEEE Symposium on Industrial Electronics and Application (ISIEA 2012)
- 2011 - present  
Journal of Information Systems Education (JISE), Harrisonburg, VA, USA

## Board of Editor

- 2013 - present **Editor in Chief, *Kalbiscientia***, Journal of Science and Technology, ISSN 2356-4393, Jakarta, Indonesia
- 2010 - 2016 **Editor, *Jurnal Teknologi Pendidikan***, Journal of Educational Technology accredited by Indonesian Ministry of Research and Higher Education, ISSN 1411-2477, Jakarta, Indonesia

## Research

- 2018 *Interactive Multimedia Based Learning Development for Children and Family*, Indonesian Bible Society
- 2017 *Mobile Based Scoreboard 4 DX Visualization*, Kalbis Institute
- 2016 *Mobile Game Developing: Math Mobile Game Learning Model*
- 2015 *Leadership Model Development in Orphanage*, Prima Unggul Foundation
- 2015 *Multimedia Based Scoreboard 4 DX Visualization*, Kalbis Institute
- 2014 *Implementation of Coloring Graph Learning Model for Mathematics Course*, Kalbis Institute
- 2013 *Coloring Graph Learning Model Development for Mathematics Course*, Kalbis Institute
- 2012 *Bressenham Line Algorithm Visualization Learning Model Development*, Universitas Persada Indonesia YAI
- 2012 *Web site Development "Regional Government of Aru Islands"*, Regional Government of Aru Islands
- 2011 *Computer Graphics in Education: Visualization of Binary Search Algorithm*, Universitas Multimedia Nusantara
- 2010 *Mobile Multimedia for Indonesia Tourism Promotion*, Universitas Multimedia Nusantara

## Publications

### Books

- 13 *Pemrograman Multimedia dengan ActionScript 3.0*  
ISBN. 978-602-6510-71-6, Jakarta: AnImage, 2018
- 12 *Menulis dan Mengelola Jurnal Bereputasi*  
ISBN. 978-602-72849-7-5, Yogyakarta: Graha Ilmu, 2016
- 11 *Teknologi Informasi dan Komunikasi dalam Pendidikan*  
ISBN. 978-979-756-822-1, Yogyakarta Graha Ilmu, 2012
- 10 *Pengolahan Data Kualitatif dengan NVivo*, written with Adrianus Arief,  
ISBN. 978-602-8730-27-3, Jakarta: Prenada, 2010
- 9 *Pemrograman Flash dengan PHP dan MySQL*  
ISBN. 978-979-756-075-1, Yogyakarta: Graha Ilmu, 2007
- 8 *Desain Brosur dan Majalah dengan Adobe InDesign*  
ISBN. 978-979-270-121-0, Jakarta: Elex Media Komputindo, 2007
- 7 *Desain Buku dengan Adobe InDesign*  
ISBN. 978-979-270-121-0, Jakarta: Elex Media Komputindo, 2007
- 6 *Pemrograman Berorientasi Objek dengan Java*, written with Fajar Masya,  
ISBN. 979-756-000-7, Yogyakarta: Graha Ilmu, 2005
- 5 *Integrasi Flash dan ASP*  
ISBN. 979-205-040-x, Jakarta: Elex Media Komputindo, 2003
- 4 *Multimedia Interaktif dengan Flash*  
ISBN. 979-328-951-9, Yogyakarta: Graha Ilmu, 2003
- 3 *Pengantar Grafika Komputer*  
ISBN. 979-970-881-8, Yogyakarta: Gava Media, 2002
- 2 *Analisis dan Desain Berorientasi Objek*  
ISBN. 979-939-818-5, Yogyakarta: JJ Learning, 2002
- 1 *Animasi Menggunakan Macromedia Flash dengan ActionScript*  
ISBN. 979-955-023-8, Jakarta: Salemba Infotek, 2002

### Journals

- 8 Muhammad Rusli & Hadi Sutopo. *Implementation of Multimedia Based Graph Coloring Learning Model*.  
International Journal "Journal of Theoretical and Applied Information Technology (JATIT)", <http://www.jatit.org>, Islamabad, Pakistan  
E-ISSN 1817-3195 / ISSN 1992-8645, Vol. 65, No. 11, June 2017
- 7 Hadi Sutopo. *Mobile Game Developing: Math Mobile Game Learning Model*.  
"International Journal of Information and Electronics Engineering (IJIEE)".  
<http://www.ijiee.org>  
ISSN: 2010-3719, Vol. 7, No.2, March 2017
- 6 Hadi Sutopo. *Mobile Multimedia Development: Flash Mobile Game with MySQL Database*. International Journal "International Journal of Computer Theory and Engineering (IJCTE)", <http://www.ijcte.org>, Singapore  
ISSN: 0975-5578 (Online); 0975-5934 (Print), Vol.5, No.1, February, 2013
- 5 Hadi Sutopo. *Multimedia-Based Learning Evaluation Development with Flash, PHP, and MySQL*, Journal "Jurnal Informatika", Universitas Kristen Petra - Surabaya  
ISSN. 1411-0105, Vol. 11, No. 1, May 2012

- 4 Hadi Sutopo. *Bresenham's Lines Algorithm Visualization Using Flash*. International Journal "International Journal of Computer Theory and Engineering (IJCTE)", <http://www.ijcte.org>. Singapore ISSN: 0975-5578 (Online); 0975-5934 (Print), Vol.3, No.3, June, 2011
- 3 Hadi Sutopo. *Selection Sorting Algorithm Visualization Using Flash*. International Journal "The International Journal of Multimedia & Its Applications (IJMA)", <http://airccse.org/journal/ijma.htm>. Chennai, India ISSN: 1793-821X (Online); 1793-8201 (Print), Vol.3, No.1, February, 2011
- 2 Hadi Sutopo. *Flash Game With MySQL Database Development*. International Journal "Journal of Theoretical and Applied Information Technology (JATIT)", <http://www.jatit.org>, Islamabad, Pakistan E-ISSN 1817-3195 / ISSN 1992-8645, Vol. 20, No. 1, October 2010
- 1 Hadi Sutopo. *Learning Model Development: Creating Snakes and Ladder Game*. Journal "Pedagogika", Post Graduate Program Universitas Sultan Ageng Tirtayasa. ISSN. 2087-1678, Vol. 1, No. 1, August 2010

### Proceedings

- 11 Hadi Sutopo, Hindriyanto D. Purnomo, Silaen Sondang Maria, Swati Lee, Altobeli Lobodally, Arie Setiawan Prasida. *Proceeding Developing Interactive Bible Learning Model Based on Mobile for Children*. Proceeding "2nd International Conference Software Engineering and Information Management (ICSIM 2019)", Singaraja, Bali, Indonesia, 10-13 January 2019
- 10 Hadi Sutiopo & Ferryal Abadi. *Mobile Multimedia-Based Tourism Promotion Development*. Proceeding "The 2018 2nd International Conference on Computer Science and Artificial Intelligence (CSAI2018)", Shenzhen, China, 8-10 December 2018
- 9 Ken Widjaja & Hadi Sutopo. *Multimedia-Based Global Warming Interactive Application for Elementary School Students*. Proceeding "International Conference on Computer Science and Artificial Intelligence (CSAI 2017)", Jakarta, Indonesia, 5-7 December 2017
- 8 Hadi Sutopo. *Mobile Game Developing: Math Mobile Game Learning Model*. Proceeding "The 8th International Conference on Information and Multimedia Technology (ICIMT2016)", Kuala Lumpur, Malaysia, 28-31 December 2016
- 7 Muhammad Rusli & Hadi Sutopo. *Multimedia Based Scoreboard Development of Four Disciplines of Execution for Journal Publication*. Proceeding "2016 - 8th International Conference on Knowledge and Smart Technology (KST)", Chiang Mai, Thailand, 3-6 February 2016
- 6 Hadi Sutopo. *Multimedia Based Instructional Development: Bubble Sort Visualization*. Proceeding "2015 6th IEEE International Conference on Software Engineering and Service Science (ICSESS 2015)", Beijing, China, 23-25 September 2015
- 5 Hadi Sutopo. *Learning Model Development of Creating a Multimedia Application Particularly Puzzle Game*. Proceeding "17th International Conference on Computational Science and Engineering (CSE 2014)", Chengdu, China, 19-21 December 2014
- 4 Winarno & Hadi Sutopo. *Computer Graphics in Education: Visualization of Binary Search Algorithm*. International Workshop on Advanced Image Technology 2012 (IWAIT 2012), Ho Chi Minh City, Vietnam, 10-11 January 2012

- 3 Hadi Sutopo. *Mobile Multimedia Development: Creating Coloring Game Tutorial*, Proceeding "International Seminar: Learning, Community and Technology", Jakarta, 8 June 2011
- 2 Winarno & Hadi Sutopo. *Mobile Multimedia for Indonesia Tourism Promotion*. Proceeding "International Workshop on Advanced Image Technology 2011 (IWAIT 2011)" Jakarta, 8-9 January 2011
- 1 Hadi Sutopo. *Mobile Multimedia Development for Making Game Tutorial*. Proceeding "Seminar Nasional Teknologi Informasi SNTI 2010". Universitas Tarumanagara. Jakarta. 27 November 2010

### Invited Talks

- **Creative Industry in Education**, *Asian Youth Film Festival*, Universiti Utara Malaysia, Kedah, Malaysia, 10 April 2018
- **Developing Video Tutorial**, Faculty of Computer Science and Educational Software, Guangzhou University. Guangzhou, China, 24 July 2017
- **Multimedia Based Visualization for Learning Enhancement**, *Talk of 2016 Year End*. Faculty of Computer Science & Information Technology (FCSIT), University of Malaya. Kuala Lumpur, Malaysia, 30 December 2016

### Speaker at Conferences, Seminars and Workshops

- Facilitator. Workshop "Writing a Qualify Manuscript Indexed by Scopus", Faculty of Engineering and Vocation, Universitas Pendidikan Indonesia, Singaraja, Bali, 6 April 2018
- Facilitator. Workshop "Workshop on Computer Skill Training: Qualitative Data Processing Using NVivo", Ministry Law and Human Rights. Jakarta, 28 February 2018
- Facilitator. Workshop "Multimedia Based E-learning Development", Universitas Negeri Pontianak, 24 February 2018
- Speaker in collaboration with Wisnu Pamungkas. "Developing Mathematics Mobile Game to Enhance Learning for Children." *20th IEEE International Conference on Computational Engineering (CSE 2017) and 15th IEEE International Conference on Embedded and Ubiquitous Computing (EUC 2017)*. Guangzhou, China, 21-24 July 2017
- Speaker. "Mobile Game Developing: Math Mobile Game Learning Model". *The 8th International Conference on Information and Multimedia Technology (ICIMT2016)*. Kuala Lumpur, Malaysia, 28-31 December 2016
- Facilitator. Workshop "Multimedia Based E-learning Development", STMIK Jayakarta, Jakarta, 14 April 2016
- Speaker in collaboration with Muhammad Rusli. "Multimedia Based Scoreboard Development of Four Disciplines of Execution for Journal Publication". *The 2016 - 8th International Conference on Knowledge and Smart Technology (KST)*. Chiang Mai, Thailand, 3-6 February 2016
- Speaker. "Multimedia Based Instructional Development: Bubble Sort Visualization". *2015 6th IEEE International Conference on Software Engineering and Service Science (ICSESS 2015)*. Beijing, China, 23-25 September 2015

- Facilitator. Workshop “*Multimedia Based E-learning Development*”, IAIN Sultan Maulana Hasanuddin, Serang, 7 May 2015
- Facilitator. Workshop “*Designing Multimedia Based Learning Resources*”, Universitas Djuanda, Bogor, 19, 26 January 2015
- Speaker. “*Learning Model Development of Creating a Multimedia Application Particularly Puzzle Game*”. *17th International Conference on Computational Science and Engineering (CSE 2014)*. Chengdu, China, 19-21 December 2014
- Facilitator. Workshop “*Multimedia Based Learning Development*”, STAB Sriwijaya, Tangerang. Serang, 23 September 2014.
- Facilitator. Workshop, “*Multimedia Based Presentation Development*”, Regional Government of Aru Islands, Dobo, 18-20 Juli 2014
- Facilitator. Workshop “*Advanced Multimedia Presentation*”. PT Binakarya Dayakusuma - Jakarta. 20-21 November 2013
- Facilitator. Workshop “*Curriculum Evaluation/Curriculum Adjustment According to KKNI*”, Universitas Persada Indonesia YAI - Jakarta. 4-5 June 2013
- Facilitator. Workshop “*Multimedia Production House*”, Universitas Sultan Ageng Tirtayasa - Cilegon. 7 November 2012
- Speaker in collaboration with Winarno. “*Computer Graphics in Education: Visualization of Binary Search Algorithm*”. *International Workshop on Advanced Image Technology 2012 (IWAIT 2012)*. Ho Chi Minh City, Vietnam, 10-11 January 2012
- Speaker. “*Mobile Multimedia Development: Creating Coloring Game Tutorial*”. *International Seminar: Learning, Community and Technology*, Jakarta, 8 June 2011
- Speaker. National Seminar “*The Roll of Educational Technology in Knowledge Society Building*”, Jakarta State University, 14 March 2011
- Facilitator. “*Workshop Authoring Tools – Adobe eLearning Suite 2*”, Faculty of Mathematics and Natural Science. Jakarta State University, 24 Januari - 2 February 2011
- Speaker. Workshop “*Improving Research Knowledge in Religion Using NVivo Software*”, Ministry of Religion. Puncak, 11-12 February 2011
- Speaker in collaboration with Winarno. “*Mobile Multimedia for Indonesia Tourism Promotion*”. *International Workshop on Advanced Image Technology 2011 (IWAIT 2011)*. Jakarta, 8-9 January 2011
- Facilitator. Workshop “*Multimedia Based Learning Development*”, SMAK Penabur Senior High School. Tangerang, 4-5 January 2011

## Multimedia Development

- 2016 *Math Game Level 1* - Mathematics game for kids - Available at Google Play Store
- 2016 *Stop Drag* - Kalbis Institute in collaboration with Badan Narkotika Nasional (BNN) - Available at Google Play Store
- 2009 *Creating Multimedia Application: Puzzle Game* - CD ROM
- 2004 *Noah* - Bible Game - Indonesian Bible Society

## Professional Associations

- Institute of Electrical and Electronics Engineers (IEEE) - *senior member*
- International Association of Computer Science and Information Technology (IACSIT) - *senior member*
- Association for Educational Communications and Technology (AECT) - *member*
- Association of Computer Higher Education (APTIKOM) - *member*

## Public Commissions

2018 - present	Member. <i>Technology and Systems Commission</i> . Indonesian Bible Society. Jakarta
2014 - 2018	Member. <i>Systems and Finance Commission</i> . Indonesian Bible Society. Jakarta
2004 - 2014	Member. <i>Information Technology and Publication Commission</i> . Indonesian Bible Society. Jakarta
2001 - 2004	Member. <i>Information Technology Commission</i> . Indonesian Bible Society. Jakarta

## Other Activities

- Technical Committee. *11th International Conference on Education Technology and Computers (ICECT 2017)*. Amsterdam, Netherlands, 26-29 October 2019
- Conference Chair. *International Conference on Advanced Computer Theory and Engineering (ICACTE 2019)*. Jakarta, Indonesia, 18-20 September 2019
- Conference Chair. *International Conference on Smart Computing and Information Technology (ICSCIT 2019)*. Al Buraimi, Sultanate of Oman, 22-22 May 2019
- Honorary Chair, *International Artificial Intelligence and Information Technology (ICAIIIT 2019)*, Yogyakarta, Indonesia, 13-15 March 2019
- Conference Chair. *International Conference on Software Engineering and Information Management (ICSIM 2019)*. Singaraja, Bali, Indonesia, 10-12 January 2019
- Conference Program Chair. *International Conference on Computer Science and Artificial Intelligence (CSAI 2018)*. Shenzhen, China, 8-10 December 2018
- Conference Chair. *International Conference on Computer Science and Artificial Intelligence*. Jakarta, Indonesia, 5-7 December 2017
- Technical Committee. *9th International Conference on Education Technology and Computers (ICECT 2017)*. Barcelona, Spain, 20-22 December 2017
- Technical Committee. *8th International Conference on Distance Learning and Education (ICDLE 2017)*. Barcelona, Spain, 20-22 December 2017
- Technical Committee. *International Conference on Information Management and Technology (ICIMTech 2017)*. Yogyakarta, Indonesia, 15-17 November 2017
- Technical Committee. *8th International Conference on Information and Multimedia Technology (ICIMT2016)*. Kuala Lumpur, Malaysia, 28-31 December 2016
- Technical Committee. *International Conference on Information Management and Technology (ICIMTech 2016)*. Bandung, Indonesia, 16-18 November 2016



- Chair. *IEEE Communication Society Distinguished Lecture, “ On Greening Broadband Access”*. delivered by Prof. Nirwan Ansari, IEEE Fellow, Distinguished Professor of Electrical and Computer Engineering New Jersey Institute of Technology (NJIT). Kalbis Institute in collaboration with IEEE Communications Society Indonesia Chapter. Jakarta, Indonesia, 1 June 2016

## **Skills**

### **Traditional Skills**

Painting : oil color, water color, poster color, acrylic

### **Computer Skills**

Publishing : Adobe InDesign

Digital painting : Adobe Photoshop

Graphics : Adobe Photoshop, Adobe Illustrator, 3D Studio Max, Blender

Multimedia : Adobe Flash, Adobe Director

Programming : Pascal, C++, Java, ActionScript 3

## **Language Skills**

English : fluent

German : intermediate

Indonesian : mother language

## **Hobbies**

Reading

Travelling