

Preparing for Digital Transformation

MASTER OF INFORMATION
TECHNOLOGY

SWISS GERMAN UNIVERSITY



What is digital transformation?

- ❑ Not just digitization → converting information from analog to digital, e.g. changing records from stack of papers to files in computer
- ❑ Not just digitalization → using digitized information to make *established* business more efficient, e.g. making queries faster
- ❑ Digital transformation is finding *new ways* of doing business using digitized data and technology, e.g. online taxi or ojek service → *disruption* is coming!



Digital transformation

- ❑ Not just asking: “How much faster can we do things the same way?”
- ❑ More asking: “What is our **technology really capable** of, and how can we **adapt our business** and processes to make the most of our technology investments?” → find **added value** in new ways!
- ❑ Drivers:
 - Customer’s happiness → millennials have digital-first mind-set
 - Industry 4.0 and digital era → connectivity of people and devices



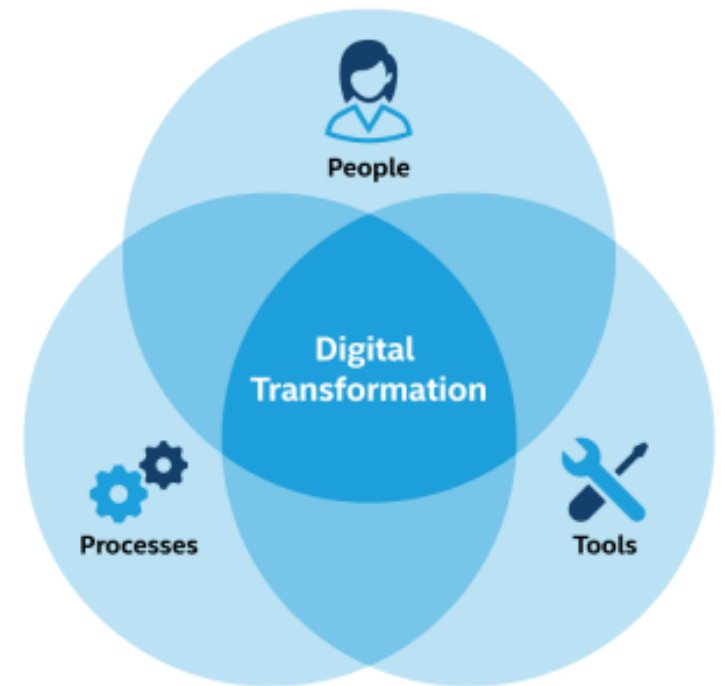
Business needs to change

- ❑ Customers want 24/7 always-ready services
- ❑ Employees **can** be empowered by digital technology → easy to collaborate, access information, work anytime and anywhere → may **need cultural change**
- ❑ Acceleration through pandemic time

**CHANGE
OR DIE.**

Digital transformation architect

- ❑ Digital transformation can not be by trial-and-error → too much at risk
- ❑ Need to see business values, available technology → make strategic planning
- ❑ Goal: digital transformation that really creates **added values** for business





Master of Information Technology (MIT)

- ❑ Established in 2000, accreditation B
- ❑ Vision: to create digital transformation architect
- ❑ Students are professionals and fresh graduates
- ❑ Competent lecturers from industry and academics
- ❑ Concentrations:
 - Data Science Cyber Security
 - Data Science Business Informatics
 - Digital Innovation





Vision and Focus

□ Vision:

Becoming a master program in information technology which is excellent in the field of cyber security, IT governance, and business informatics; and is recognized nationally and internationally by 2025

□ Focus:

Training future **digital transformation architect**



Mission

1. Conducting competence-based **education** focusing on cyber security, IT governance, and business informatics which follows the current development in IT technologies
2. Conducting **research** focusing on applications of cyber security, IT governance, and business informatics
3. Conducting **community service** in implementation of IT in society
4. Creating and maintaining good relationship and mutually beneficial **cooperation** with other institutions, both nationally and internationally



Concentrations

- ❑ Data Science is very important in the future
- ❑ Cyber Security: everything is connected → security becomes very important
→ MIT SGU is pioneer in cyber security, founder of IHP (Indonesian Honeynet Project), collaboration with BSSN (Badan Siber dan Sandi Negara)
- ❑ Business Informatics → business alignment with technology innovations → coaching IT managers, give new perspectives, innovation valuation
- ❑ Digital Innovation → more research based program → solving the unique problem in digital transformation

Student profile

- Professionals from national & multinational companies
- Student achievement, e.g.: Kalpin E. Silaen, Yohanes Syailendra, Gede Widagdo: no. 1 in Cyber Defense competition Kemhan 2012 – 2014



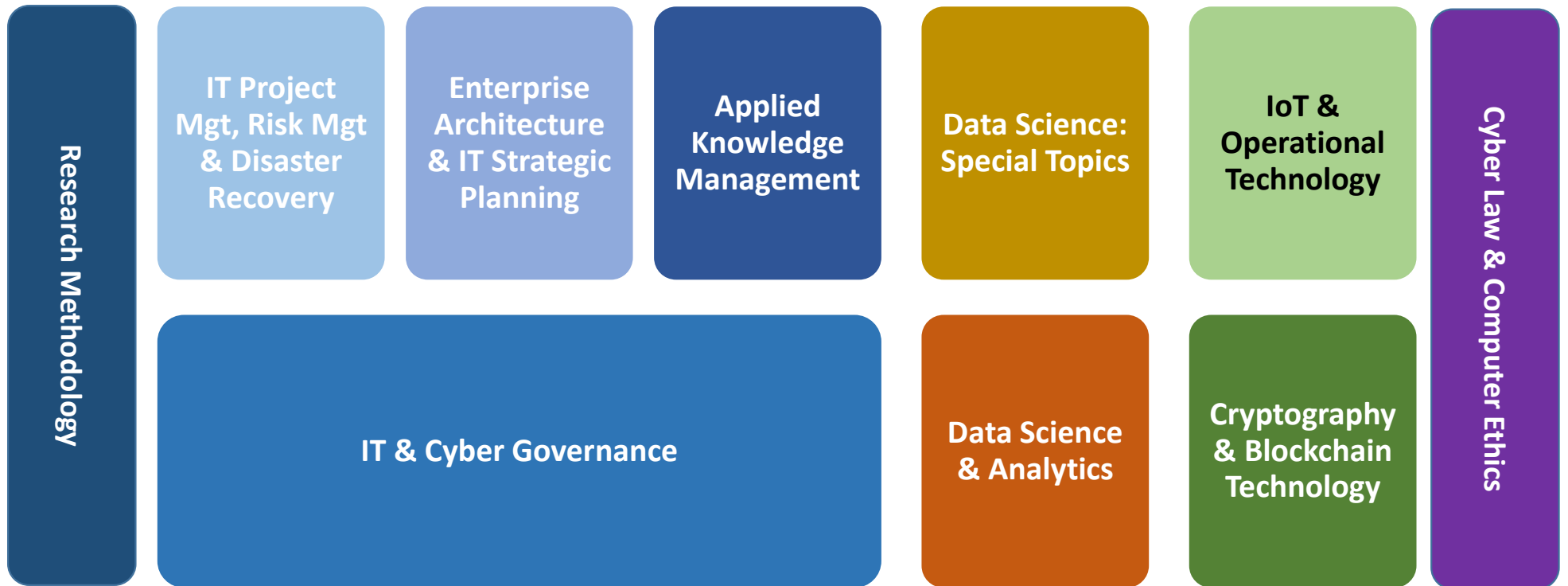


Curriculum

- ❑ There are mandatory courses and elective courses
- ❑ The elective courses corresponds to the concentrations:
 1. Data Science Cyber Security
 2. Data Science Business Informatics
- ❑ Face-to-face classes are held on Saturdays (currently done online)

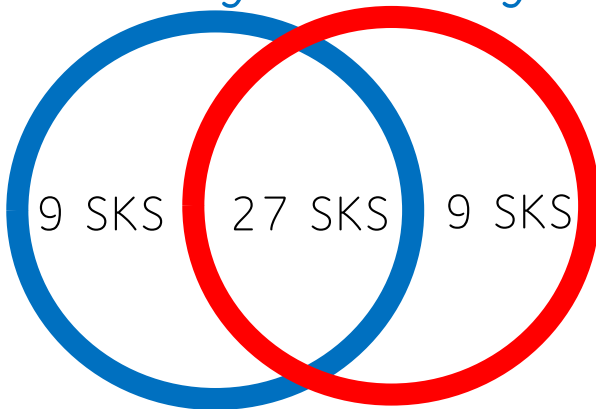


Common courses



Concentrations

Data Science Cyber Security



Data Science Business Informatics

Data Science Cyber Security



- Network security, Ethical hacking, Incident handling & Digital forensics, Web/application security

Data Science Business Informatics

- Digital Business & Cyber Marketing, IT valuation and Technopreneurship, Human capital & Organization behavior, Data management & Governance

Data Science Business Informatics	SKS	Data Science Cyber Security	SKS
SEM 1		SEM 1	
Digital Business & Cyber Marketing	3	Network Security	3
IT Project Management, Risk Management & Disaster Recovery	3	IT Project Management, Risk Management & Disaster Recovery	3
Enterprise Architecture & IT Strategic Planning	2	Enterprise Architecture & IT Strategic Planning	2
IT & Cyber Governance	2	IT & Cyber Governance	2
Research Methodology	2	Research Methodology	2
SEM 2		SEM 2	
Cryptography & Blockchain Technology	2	Cryptography & Blockchain Technology	2
<i>Data Science and Analytics</i>	2	<i>Data Science and Analytics</i>	2
<i>IT Innovation, Valuation and Technopreneurship</i>	2	<i>Ethical Hacking</i>	2
<i>Human Capital & Organization Behavior</i>	2	<i>Incident Handling & Digital Forensics</i>	2
<i>Data Science : Special Topics</i>	2	<i>Data Science : Special Topics</i>	2
Applied Knowledge Management	2	Applied Knowledge Management	2
SEM 3		SEM 3	
Cyber Law & Computer Ethics	2	Cyber Law & Computer Ethics	2
<i>Data Management & Governance</i>	2	<i>Web & Mobile Application Security</i>	2
<i>Internet of Things & Operational Technology</i>	2	<i>Internet of Things & Operational Technology</i>	2
SEM 4		SEM 4	
Thesis	6	Thesis	6
TOTAL	36	TOTAL	36

Data Science Cyber Security & Data Science Business Informatics





Digital Innovation	SKS
SEM 1	
Research Project 1	6
IT Project Management, Risk Management & Disaster Recovery	3
Research Methodology	2
Total semester 1	11
SEM 2	
Research Project 2	6
Elective 1	3
Enterprise Architecture & IT Strategic Planning	2
IT & Cyber Governance	2
Total semester 2	13
SEM 3	
OFSE (Oral Final Study Exam)	0
Elective 2	2
Elective 3	2
Elective 4	2
Thesis	6
Total semester 3	12
TOTAL	36

Digital Innovation

- ❑ Suitable for students who have specific problems to be solved
- ❑ Finding solutions through research, coached by experienced and competent lecturers

Conference & journal

- All master students must create papers
- Facilities from MIT SGU:
 - Conference: ACMIT (Annual Conference on Management & IT)
 - E-journal: JAICT (Journal of Applied Information, Communication and Technology)



The poster for ACMIT 2019 features a red and white color scheme. At the top, it displays the SGU logo, the acronym 'ACMIT 2019' in large yellow letters, and the MIT logo. Below this, the text defines ACMIT as a scientific conference organized by the Master of Information Technology (MIT) at Swiss German University (SGU). The theme for 2019 is 'Opportunities and Challenges of Industry Revolution 4.0', with a brief explanation of its relevance. The event is scheduled for Saturday, 10th August 2019, at the Prominence Tower, Alam Sutera Barat 15, Alam Sutera - Tangerang. It includes a seminar in the morning (09.00-12.00) and a plenary session in the afternoon (13.00-17.00). Keynote speakers are listed as Rahmat Mulyana, Eric Anwar, and Eric Anwar. A 'FREE OF CHARGE' badge is prominently displayed. The bottom of the poster contains contact information for SGU, including the phone number 0811 995 8010 and the website sgu.ac.id.

ACMIT (Annual Conference on Management and Information Technology) is a scientific conference primarily organized by Master of Information Technology (MIT) at Swiss German University (SGU)

The theme of ACMIT 2019 is
"Opportunities and Challenges of Industry Revolution 4.0".

This topic is chosen because Industry Revolution 4.0 is indeed a big trend in the world today, and it is predicted to change the landscape of the industry and the society in general significantly.

Saturday, 10th August 2019
SWISS GERMAN UNIVERSITY
The Prominence Tower, Jalur Sutera Barat 15
Alam Sutera - Tangerang

Morning (09.00-12.00) – Seminar
Afternoon (13.00- 17.00) – Plenary Session

FREE OF CHARGE

Keynote Speaker

- **Rahmat Mulyana, CISA, CISM, CGEIT, CRISC, COBIT5F, CSXF**
President of ISACA (Information Systems Audit and Control Association) Indonesia
Topic: **Digital Transformation: IT Governance Challenge**
- **Eric Anwar**
Vice President IT Automation, Bank Central Asia
Topic: **Robotics in Banking**

SWISS GERMAN UNIVERSITY
The Prominence Tower Alam Sutera
Jalan Jalur Sutera Barat Kav 15
Tangerang, Banten 15143

0811 995 8010
sgu.ac.id





Certification in Cyber Security

- Curriculum is integrated with certification material
- EC-Council certification 50% discount for students



EC-Council

SGU Lecturers



No.	Name	Education/experience
1.	Dr. Eka Budiarto, S.T., M.Sc.	<ul style="list-style-type: none">• S1 Teknik Fisika, Institut Teknologi Bandung, 1998• S2 Industrial Mathematics, TU Kaiserslautern, 2000• S3 Applied Mathematics, TU Delft, 2015• Researcher at Fraunhofer ITWM, Germany
2.	Dr. Ir. Moh. A. Amin Soetomo, M.Sc.	<ul style="list-style-type: none">• S1 Teknik Elektro, Universitas Indonesia, 1990• S2 Information Management, George Washington University, 1992• S3 Information Management, George Washington University, 2002• Vice President of IT Enterprise Security/Deputy General Manager of IT Division, BNI Head Office Jakarta Indonesia

SGU[®] Lecturers



No.	Name	Education/Experience
3.	Dr. Adhiguna Mahendra, S.Kom., M.Sc.	<ul style="list-style-type: none">• S1 Ilmu Komputer, Universitas Indonesia, 2001• S2 Ilmu Komputer, Universitas Indonesia, 2005• S2 Vision and Robotics, Heriot-Watt University, 2008• S3 Industrial Vision and Image Processing, Universite de Bourgogne, 2012• Chief Technology and Operation Officer, PT Aero System Indonesia• Chief Research Product Innovation, Nodeflux
4.	Dr. Maulahikmah Galinium, S.Kom., M.Sc.	<ul style="list-style-type: none">• S1 Teknik Informatika, SGU, 2007• S2 Information System, Lunds Universitet, 2009• S3 Computer Science, University of Rome Tor Vergata, 2013



No.	Name	Education/experience
5.	Dr. Mulya R. Mashudi, S.T., M.E.M.	<ul style="list-style-type: none"> • S1 Teknik Sipil, Universitas Trisakti, 1993 • S2 Engineering Management, The George Washington University, 1996 • S3 Engineering Management (Information Systems and Technology), The George Washington University, 2000 • Shell, Nokia, Smartfren • CEO, Start up: Kuul Communities
6.	Iwan Setiawan S.H., L.L.M., PhD	<ul style="list-style-type: none"> • S1 Hukum, Universitas Gadjah Mada, 1992 • L.L.M. Internet & Electronic Law, Monash University, 2001 • S3 Law, Wollongong University, 2015 • Involved in drafting cyber law in Indonesia • Bank Indonesia Institute, Bank Indonesia



SGU Lecturers



No.	Name	Education/experience
7.	Asep S. Suntana, S.Hut., M.A., Ph.D.	<ul style="list-style-type: none"> • S1 Kehutanan, Institut Pertanian Bogor, 1993 • S2 Sustainable International Development, Brandeis University, 2004 • S3 Forest System and Bio-energy, University of Washington, 2011 • Program Director, KEHATI
8.	Dr. Charles Lim, B.Sc., M.Sc., CTIA, CHFI, EDRP, ECSA, ECSP, ECIH, CEH, CEI	<ul style="list-style-type: none"> • S1 Electrical Engineering, University of Wisconsin – Madison, 1989 • S2 Electrical Engineering, University of Hawaii – Manoa, 1991 • S3 Teknik Elektro, Universitas Indonesia, 2019 • Chapter Lead, Indonesia HoneyNet Project • Researcher in computer security, in collaboration with IDSIRTII/Kominfo/BSSN/Kemhan



SGU Lecturers



No.	Name	Education/experience
9.	Dr. Ir. Heru Purnomo Ipung, M.Eng.	<ul style="list-style-type: none"> • S1 Teknik Komputer, Institut Teknologi Sepuluh November, 1992 • S2, Information Technology, RMIT University, 1994 • S3, Ilmu Komputer, Institut Teknologi Sepuluh November, 2019 • Consultant, Accenture • Expert at LPS, Kemhan • ICT consultant, Worldbank • Expert in telematics, Kominfo
10.	Dr. Ir. Lukas, MAI, CISA	<ul style="list-style-type: none"> • S1 Teknik Elektro, Institut Teknologi Bandung, 1995 • S2 Artificial Intelligence, KU Leuven, 1998 • S3 Electrical Engineering, KU Leuven, 2003 • Lecturer (Computer Architecture, Microprocessor Systems, Artificial Intelligence, Image Processing, Computer Security), Universitas Katolik Atma Jaya





No.	Name	Education/experience
11.	Dr. Eng. Bagus Mahawan, B.Eng, M.Eng.	<ul style="list-style-type: none"> • S1 Mechatronics, Robotics, and Automation Engineering, Nagaoka University of Technology, 1995 • S2 Mechatronics, Robotics, and Automation Engineering, Nagaoka University of Technology, 1997 • S3 Information and Control Technology, Nagaoka University of Technology, 2000 • Founder, Invosa Systems (IT based automation)
12.	Burman Noviansyah, S.T., MSISPM, CEH, CyFIR	<ul style="list-style-type: none"> • S1 Teknik Informatika, Institut Teknologi Bandung, 2002 • S2 Information Security Policy and Management, Carnegie Mellon University, 2014 • IT Security Specialist, Bank Indonesia • Technical IT Security Advisor and Investigator, Gojek



No.	Name	Education/experience
13.	Kalpin Erlangga Silaen, S.Si., M.Kom., CISSP, CEH, ECIH, ECSA, CHFI	<ul style="list-style-type: none"> • S1 Geofisika, Institut Teknologi Bandung, 2001 • S2 Master of Information Technology (MIT), Swiss German University, 2016 • Chief Technology Officer, PT Royal Audrey Megah (Layer Speed, web hosting & IT solution services) • Senior Information Security consultant
14.	Dr. Magfirawaty, S.Si., M.Si.	<ul style="list-style-type: none"> • S1 Fisika Instrumentasi, Universitas Indonesia, 2004 • S2 Fisika Instrumentasi, Universitas Indonesia, 2007 • S3 Teknik Elektro, Universitas Indonesia, 2018 • Researcher in cryptography • Lecturer at Politeknik Siber dan Sandi Negara



SGU Lecturers



No.	Name	Education/experience
13.	Dr. Tanika D. Sofianti, S.T., M.T.	<ul style="list-style-type: none"> • S1 Teknik Elektro, Universitas Pancasila, 1997 • S2 Teknik Industri, Institut Teknologi Bandung, 2002 • S3 Teknik Industri, Institut Teknologi Bandung, 2013 • Researcher in Knowledge Management, Waseda University, Japan, 2010 • Projects with Kemenperin in Information Management for Indonesian Steel Industrial Cluster, the Evaluation of Energy Consumption of Indonesia Steel and Textile Industries, the Construction of Indonesia Plastic Industry Production Tree
14.	Yohanes Syailendra Kotualubun, S.Kom., M.Kom.	<ul style="list-style-type: none"> • S1 Teknik Informatika, Universitas Binus, 2010 • S2 Master of Information Technology (MIT), Swiss German University, 2017 • Assistant Manager of Cyber Security, PwC Indonesia • Cyber Security Lead, MSI UK • Senior Consultant Incident Response & Threat Hunting, ITSEC ASIA





Seminar and Workshop



Your gateway  to global success

 **MASTER OF INFORMATION TECHNOLOGY**  **MASTER OF MECHANICAL ENGINEERING**

INDUSTRY REVOLUTION 4.0: CHALLENGES & OPPORTUNITIES

 **BENO K. PRADEKSO**
CEO SOLUSI247
"Exascale Local Big Data Software Stack for Data Sovereignty"

 **RONI SETYAWAN**
COO PT TRAKINDO
"Digital in Mining"

 **AULIA ARIF ISKANDAR**
LECTURER AT SGU
"Health 4.0"

Venue:
**SGU Prominence Tower campus,
Jl. Jalur Sutera Barat 15, Alam Sutera, Tangerang**

Day/date:
Saturday, 26th May 2018

Time:
09:00 - 12:00

 **FREE OF CHARGE**

To get certificate, please register to
Siti Ayu Diana Lestari at siti.lestari@sgu.ac.id

The Prominence Tower, Jl. Jalur Sutera Barat No.15, Alam Sutera, Tangerang. 15143 - Indonesia
sgu.ac.id

  **FACULTY OF ENGINEERING & INFORMATION TECHNOLOGY**  **MASTER OF INFORMATION TECHNOLOGY**

BLOCKCHAIN and DISRUPTIVE TECHNOLOGIES

 **Prof. Marsudi W. Kisworo**
IT EXPERT AND PRACTITIONER, SPECIAL ADVISORY MEMBER TO SEVERAL MINISTRIES
"Disruptive Technologies and Blockchain in Industry Revolution 4.0 Era"

 **Nugroho Gito**
IBM BLOCKCHAIN DEVELOPER
"Blockchain: Concept and Applications in Several Industries"

 **FREE OF CHARGE**

Venue:
**SGU Prominence Tower campus,
Jl. Jalur Sutera Barat 15, Alam Sutera, Tangerang**

Day/date, Time:
7th July 2018, 09:00 - 12:00

To get certificate, please register to
Siti Ayu Diana Lestari at siti.lestari@sgu.ac.id

The Prominence Tower, Jl. Jalur Sutera Barat No.15, Alam Sutera, Tangerang, 15143 - Indonesia
sgu.ac.id

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Blockchain: Disrupting the Disruptors

What is blockchain? Why do we need it? What are its applications? Find out the answers in the seminar organized by Master of Information Technology (MIT) at Swiss German University (SGU) in collaboration with Blockchain Zoo, a global association of Blockchain experts and technology professionals!



Pandu Sastrowardoyo
Co-Founder of Blockchain Zoo
Blockchain: Real World Use Cases



Burman N.
Lecturer at Master of Information Technology (MIT), SGU
Get Your Feet Wet with Blockchain

- Saturday, 29 September 2018
- 09.00 – 12.00 WIB
- SGU Prominence Tower campus
Jl. Jalur Sutera Barat 15, Alam Sutera, Tangerang

Registration:
siti.lestari@sgu.ac.id
or via Google forms
<https://goo.gl/forms/DPTh7eVTNjQFRQXp2>



• Registration is needed to obtain certificates

Free of charge

<https://blockchainzoo.com/>

<https://www.sgu.ac.id/>



INSTITUT
KESEHATAN
MASYARAKAT

SEMINAR & WORKSHOP



TOWARDS APPLICATION OF BIG DATA ANALYSIS IN HEALTH RELATED PROBLEMS

INSTRUKTUR

Dr. Eka Budianto, S.T., M.Sc.
S3, TU Delft, Netherlands
Data Analytics Expert



Dr. Moh. A. Amin Soetomo, M.Sc.
S3, George Washington University, USA
Information System Expert

dr. Kemal N. Siregar, SKM, MA, PhD.
S3, University of Exeter, UK
Modeling Expert



Dr. (cand). Alva Erwin, M.Sc.
S3 Cand, Universitas Bina Nusantara, Indonesia
S3 Cand, Curtin University, Australia
Data Mining Expert

Dr (cand). Ir. Heru P. Ipung, M.Eng
S3 Cand, Institut Teknologi Surabaya, Indonesia
Data Management Expert



Terbatas
untuk
30
Peserta

Waktu
14-15 NOVEMBER 2018
Pukul 08.00-16.00 WIB
16 NOVEMBER 2018
Pukul 08.00-11.00 WIB

Registration Fee
2 Hari (14-15 Nov 2018),
Rp. 2.500.000,-
3 Hari (14-16 Nov 2018),
Rp. 3.000.000,-

Tempat
SWISS GERMAN UNIVERSITY
THE PROMINENCE TOWER
JL. JALUR SUTRA BARAT KAV.15
ALAM SUTRA, TANGERANG
BANTEN

Pendaftaran dan Pembayaran
paling lambat 13 November 2018
Pembayaran via transfer ke:
BCA 0350847723
A/N Brian Sudirman

Fasilitas
Sertifikat, Seminar Kit,
Makan Siang dan Snack.

**Informasi dan
Konfirmasi Pembayaran:**
BRIAN SUDIRMAN
0897 9403 778 (whatsapp)



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Indonesia
HoneyNet
Project



BADAN SIBER DAN
SANDI NEGARA

PENINGKATAN KEMAMPUAN DETEKSI DAN KOORDINASI INSIDEN KEAMANAN SIBER SECARA NASIONAL

#CYBERCHIME #MALWARE #TOOLS #DATAMINING #DECEPTIONTECHNOLOGY

SEM INAR & WORKSHOP

FREE

1. Sulisty, S.Si., S.T., M.Si

Tren Ancaman Siber

2. Charles Lim, M.Sc

Pengenalan HoneyNet Global & HoneyNet Indonesia

3. Semi Yulianto, M.Kom

Web Application Security Essential

4. Dr. Ir. Moh. A. Amin Soetomo, M.Sc

Tata Kelola Risiko Dalam Peningkatan

Kemampuan Keamanan Siber

5. Dr. Ir. Lukas

IoT and Machine Learning in the Era

of Disruptive Technology

6. IGN Mantra (ACAD - CSIRT)

Cyber Security between Good News and Bad News

7. Hilmansyah (HPE Aruba)

8. Micro - SOC (BSK)

1. HoneyPot : Mario Marcella

2. IoT Hacking : Rio Aseptia

3. Mobile Threat Hunting : Williams

Biaya Workshop : 50K

No. Rek BCA: 5250313723

a.n. Y Wahyu Agung Prasetyo

Tempat Terbatas

Fasilitas:

- Sertifikat
- Makan siang dan snack
- Flashdisk (hanya Workshop)
- Souvenir
- Goody Bag



<https://s.id/2qyb1>

Waktu & Tempat:

Sabtu, 24 November 2018

08:00 - 13:00 Seminar

14:00 - 17:00 Workshop

Swiss German University

Lantai 3, Ruang 312 - 315

The Prominence Tower, Alam Sutera - Tangerang

Pendaftaran :

02 - 17 November 2018

honey.net.sgu.ac.id

Contact Person:

Anis I +62 812 9812 2658

Ayu I +62 819 1095 2112



<https://s.id/2qyb1>

Didukung oleh:



SWISS GERMAN UNIVERSITY



CHALLENGES AND OPPORTUNITIES OF INTERNET OF THINGS (IOT) AND DATA ANALYTICS IN THE ERA OF INDUSTRY REVOLUTION 4.0

SEMINAR
Saturday, 6th July 2019 | 08.00-12.00

FREE



Ismail Fahmi
"Challenges and Opportunities of Social Media Data Analytics"
Director PT Media Kernels Indonesia



Hendra Sumiarsa
"IoT: Evolution & Domain"
Head - IoT, Digital & Smart City Busv Dev. at Indosat Ooredoo



Rayi Iswara
"The Power of Data Analytics"
VP Commercial & Partnership PT Cybertrend Intrabuana

WORKSHOP Saturday, 6th July 2019 | 13.00-16.00

Track A: Democratization of AIoT
David Hermawan
(Head IoTG, Intel)
Herianto
(Technical Director, Synnex Metrodata Indonesia)

Track B: Data Visualization
Indra Hengkiriang
(BI Implementor, MotionBoard)

Workshop registration fee: 50k
No. rek. BCA: 2450575871 a.n. Siti Ayu Diana Lestari

LIMITED only for 40 participants

Seminar/Workshop Registration : bit.ly/MIT_SGU Registration Deadline 4th July 2019

@The Prominence Office Tower, 3rd Floor, Room 312-313



SWISS GERMAN UNIVERSITY

The Prominence Tower Alam Sutera
Jalan Jalur Sutera Barat Kav 15
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SGU MASTER OF INFORMATION TECHNOLOGY

BCA
Always by your side

Seminar

CYBER RESILIENCE:

A Sustainable Banking Imperative

Thursday, 12th December 2019 | 08.30-13.00
@ Menara BCA, 22nd Floor
Jl. M. H. Thamrin No. 1 Jakarta

KEYNOTE SPEAKER:

Aditya Nugraha
Vice President of Strategic IT
Bank Central Asia (BCA)

Dr. Ir. Moh. A. Amin Soetomo, M.Sc.
Master of Information Technology
Swiss German University

Topic:
What does Secured Open Banking mean?

Topic:
Cyber Resilience Framework

RSVP:
bit.ly/SGU-BCA

The Prominence Tower Alam Sutera
Jalan Jalur Sutera Barat Kav 15
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OPEN FOR PUBLIC

SEMINAR AND WORKSHOP

CYBER SECURITY

THREAT INTELLIGENCE AND CHALLENGES

SEMINAR
REGISTRATION **FREE**

SULISTYO, S.Si., S.T., M.Si
Direktur Deteksi Ancaman Badan Siber dan Sandi Negara (BSSN)
Topic: BSSN Honeynet to Strengthen Capability of Threat Intelligence

ROYKE TOBING
SPENTERA
Topic: Indonesia Cyber Threat Landscape 2020

DR. CHARLES LIM, M.Sc.
Master of Information Technology, Swiss German University
Topic: Building National Honeynet-Based Cyber Threat Intelligence Sharing Platform

WORKSHOP
REGISTRATION FEE **RP. 150.000**

THREAT INTELLIGENCE
With **YOHANES SYAILENDRA M.Kom**
From MIT Swiss German University

SECURITY THREAT VISUALIZATION
With **BSSN TEAM**
From Badan Siber dan Sandi Negara

THREAT HUNTING
With **DIGIT OKTAVIANO**
From Indonesian Honeynet Project Community

DATA ANALYTICS FUNDAMENTAL
With **DR. EKA BUDIARTO** and **DR. -ENG. BAGUS MAHAWAN**
From MIT Swiss German University and Motion Board Inc.

REGISTER
bit.ly/sgucybersecurity

SATURDAY
18TH JANUARY 2020
AT SWISS GERMAN UNIVERSITY,
THE PROMINENCE TOWER,
ALAM SUTERA – TANGERANG

SEMINAR
08.00 – 12.30

WORKSHOP
13.30 – 16.30

MARKETING HOTLINE
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www.sgu.ac.id

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UNITED TRACTORS
member of **ASTRA**

SEMINAR & WORKSHOP

Theme:

BIG DATA AND CYBER RESILIENCE SKILLS FOR DIGITAL TRANSFORMATION

THURSDAY, 13 FEBRUARY 2020

SEMINAR TOPIC
DATA ANALYTICS : A KEY COMPONENT OF DIGITAL TRANSFORMATION
by **Dr. Eka Budiarto, S.T., M.sc**

SEMINAR TOPIC
DATA ARCHITECTURE FOR DIGITAL TRANSFORMATION
by **Dr. Ir. Heru Purnomo Ipung, M.Eng.**

SEMINAR TOPIC
CYBER SECURITY THREAT DETECTION – RAISING THE BAR ON CYBER SITUATIONAL AWARENESS
by **Dr. Charles Lim, B.Sc., M.Sc., CTIA, CHFI, EDRP, ECSA, ECSP, ECIH, CEH, CEI**

WORKSHOP :
TRACK A
Yohanes Syailendra, M.Kom, CEH, ECSA, CEI
THREAT HUNTING

WORKSHOP :
TRACK B
Dr. Eka Budiarto, S.T., M.sc
DATA ANALYTICS FUNDAMENTAL

13.00 - 16.30 (WORKSHOP)

08.30 - 12.00 (SEMINAR)

Location :
UT Corporate University,
4th floor,
Cakung - Jakarta

<http://bit.ly/SGUMIT-UTSeminar>

SWISS GERMAN UNIVERSITY

SGU Seminar



SGU Master of Information Technology and
Amazon Web Services

WEBINAR SERIES

Part 1 Digital Resilience Aspects of Working from Home

Wednesday, 29 April 2020 | 15.00

Topic:
Enterprise Digital Workplace Governance and Risk
Moh. A. Amin Soetomo, D.Sc

Work and Study from Home with AWS
Petra Novandi Barus

Free | Limited Seats

Registration

bit.ly/sgumitaws

SGU.ac.id



SGU Master of Information Technology and
Amazon Web Services

WEBINAR SERIES

Part 2 Scalable Digital Workplace Architecture

Wednesday, 13 May 2020 | 03.00 PM

Topic:
IT Architecture Planning: Digital Workplace
Transformation
Dr. Ir. Heru Purnomo Ipung M.Eng

Work and Study from Home with AWS
Petra Novandi Barus

Free | Limited Seats

Registration bit.ly/sgumitaws

SGU.ac.id

SGU Digital Clinic



SGU
SWISS GERMAN UNIVERSITY

GRADUATE SCHOOL

Business Transformation & Digital Workspace Clinic

Cyber Security and Risk on Working from Home
Thursday, 9 April 2020 - 03.00 PM

LIMITED SPACE

Registration
0811 995 8010

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Labels in graphic: COMMUNITY, LECTURES, WORKSHOPS, ON-LINE EDUCATION, GRADUATE

SGU MIT logo

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DIGITAL CLINIC
Transforming Knowledge and Innovation

Business Transformation & Digital Workspace Clinic

Digital Workplace Resilience: Strengthen Your IT Infrastructure and Operation
Thursday, 16 April 2020 - 03.00 PM

LIMITED SPACE

Registration
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SGU Digital Clinic



Business Transformation & Digital Workspace Clinic

Digital Workplace Governance: Roadmap to Productivity

Thursday, 23 April 2020 - 03.00 PM

LIMITED SPACE

Registration
bit.ly/sgudigitalclinic



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Business Transformation & Digital Workspace Clinic

IT Leadership in the Crisis: IT Strategic Value and Architecture Planning

Thursday, 30 April 2020 - 03.00 PM

LIMITED SPACE

Registration
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Business Transformation & Digital Workspace Clinic



**IT Leadership in the Crisis:
IT Strategic Value and Architecture
Planning**

Wednesday, 6 May 2020 - 03.00 PM

LIMITED SPACE



Registration
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Business Transformation & Digital Workspace Clinic

**Accelerating Cyber Incidents in
the Crisis: Cyber Security Updates
and the need of Cyber Resilience**

Thursday, 14 May 2020 | 03.00 PM

LIMITED SPACE



Registration
bit.ly/sgudigitalclinic

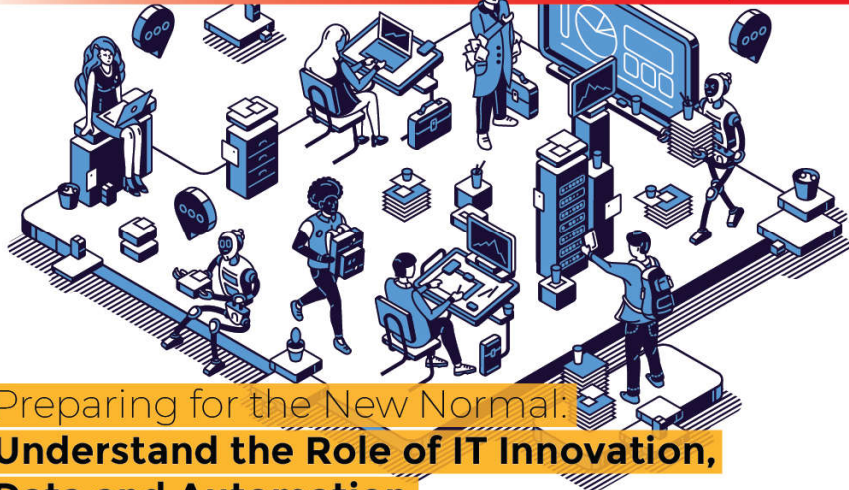
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Business Transformation & Digital Workspace Clinic



by: upkyak

Preparing for the New Normal: Understand the Role of IT Innovation, Data and Automation

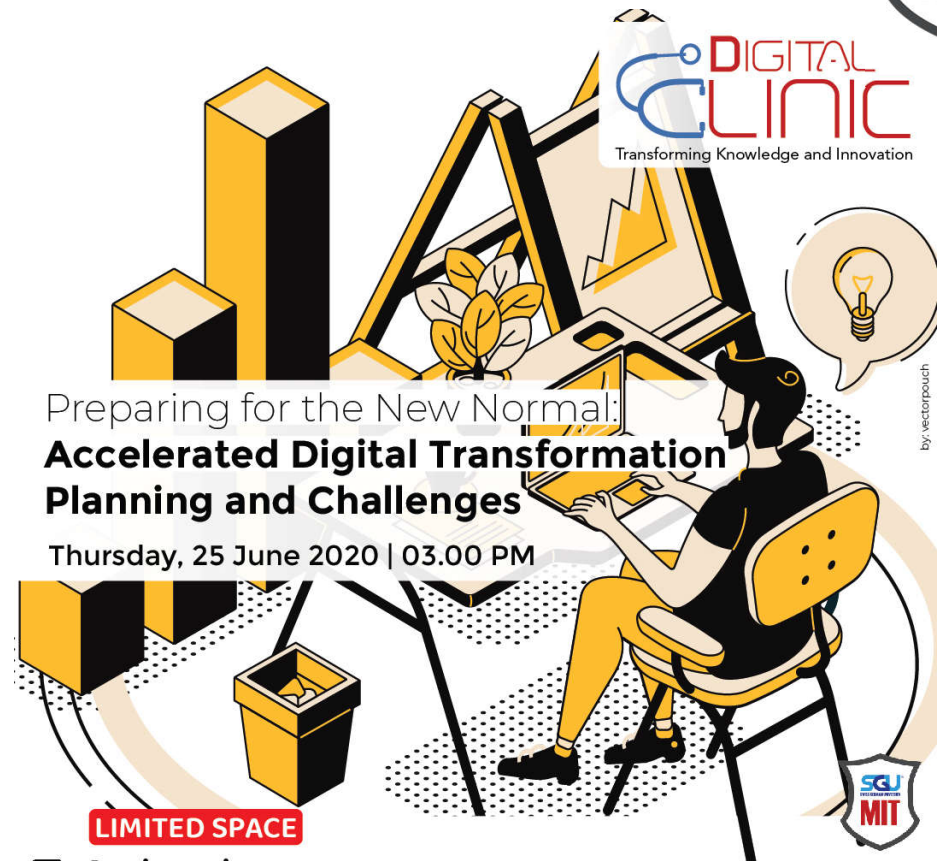
Thursday, 4 June 2020 | 03.00 PM

LIMITED SPACE

Registration
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by: vectorpouch

Preparing for the New Normal: Accelerated Digital Transformation Planning and Challenges

Thursday, 25 June 2020 | 03.00 PM

LIMITED SPACE

Registration
bit.ly/sgudigitalclinic



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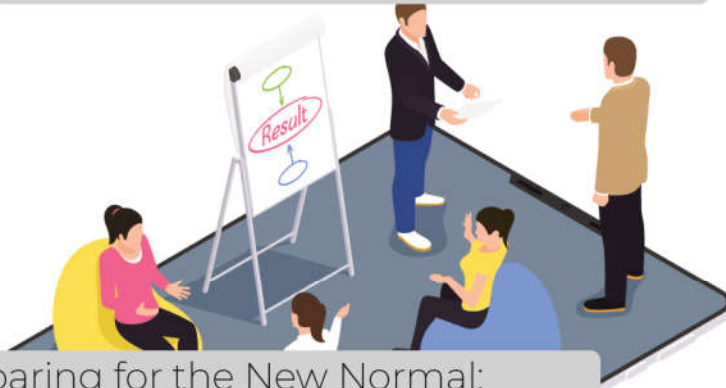
SGU Digital Clinic & Seminar



DIGITAL CLINIC
Transforming Knowledge and Innovation

Q&A | Interactive
Question & Answer

Business Model Innovation Series



by: macrovectur

Preparing for the New Normal:
**Accelerated Digital Transformation
Planning and Challenges**

Thursday, 2 July 2020 | 03.00 PM

LIMITED SPACE

Registration
bit.ly/sgudigitalclinic



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Webinar

**Developing IT Risk Proposition for IT Service
Companies to Survive in the New Normal**

Wednesday, July 15, 2020 | 03.00 PM

by: mindandi



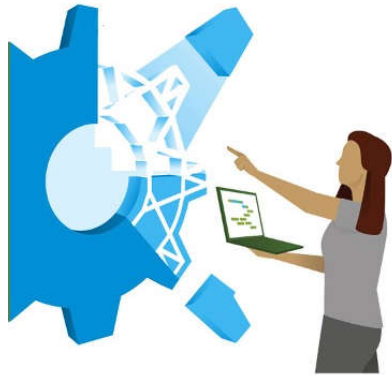
Registration
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Digital Clinic



SERIES
**ARTIFICIAL
INTELLIGENCE
AN OVERVIEW
FROM ENTERPRISE
ARCHITECTURE
PERSPECTIVE**

Speaker

Erwin Hendradi, M.Sc
Solution Architect at PT Arvitech Mega Solusi

Moderator

Dr. Eka Budiarto, S.T., M.Sc

 **THURSDAY, JANUARY 7, 2021**
3 PM

 **Registration**
bit.ly/digitalclinicsgu



SERIES
**DEVELOPING
ACHIEVABLE AND
MANAGED IT SERVICE**

Speaker

Tine Sopaheluwakan, M.Kom
MIT SGU Alumni & VP at PT Inixindo

Moderator

Dr. Eka Budiarto, S.T., M.Sc

 **THURSDAY, JANUARY 21, 2021**
3 PM

 **Registration**
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Digital Clinic



SERIES DATA PRIVACY PROTECTION IN DIGITAL ECONOMY

SPEAKER

Andi Budimansyah

Student MIT SGU and Chairman of Indonesia IT Federation

Dr. Sinta Dewi Rosadi, SH, LL.M

Cyber Law Centre, FH UNPAD

Moderator

Dr. Eka Budiarto, S.T., M.Sc



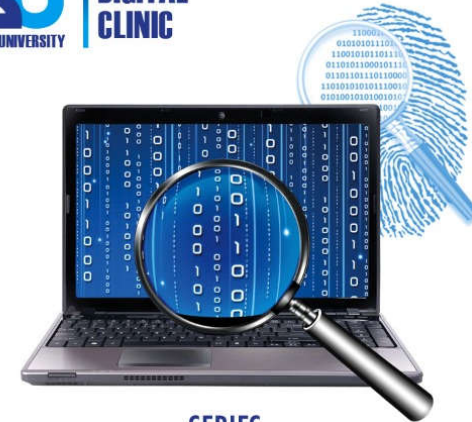
**THURSDAY, FEBRUARY 4, 2021
2 PM**



Registration
s.id/xDW5L



MASTER OF
INFORMATION
TECHNOLOGY



SERIES DIGITAL FORENSICS IN ORGANIZATIONS

SPEAKER

Kalpin Erlangga Silaen, M.Kom, CISSP,

CEH, CHFI, ECSCA, ECIH, ISO 27001 LI

MIT SGU Alumni & Senior Security Consultant

Moderator

Dr. Eka Budiarto, S.T., M.Sc



**THURSDAY, FEBRUARY 11, 2021
3.00 PM**



Registration
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MASTER OF
INFORMATION
TECHNOLOGY

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Digital Clinic



June 3rd, 2021
03.00 PM



Data Analytics Use Cases in Industries
Tito Sugiharta
Head of Professional Services at SAS Indonesia

Registration
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mit.sgu.ac.id



June 17th, 2021
03.00 PM



E-Government SPBE Performance
Andi Yuniartoro M.Kom
Alumni MIT SGU and Director Inixindo Jogja

Registration
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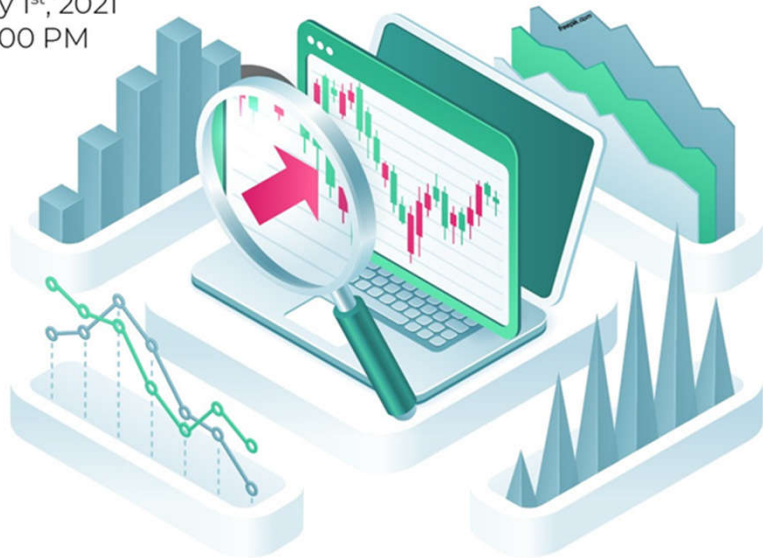
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SGU Digital Clinic



July 1st, 2021
03.00 PM



IT Audit: Digital Banking and Fintech

Semi Yulianto

Alumni MIT SGU and Founder & CEO cum Chief Hacking Officer (CHO)



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DIGITAL CLINIC
Transforming Knowledge and Innovation

July 29th, 2021 | 01.00 PM

DevSecOps from Wishes to Implementations
Amien Harisen
SGU MIT Alumni, Director of PT Tjakrabirawa Teknologi Indonesia

Cyber Resilience and Digital Vulnerability
M. A. Amin Soetomo
SGU MIT Lecturer

Governance in DevSecOps. Case study: insurance company
Aldy Rochman
SGU MIT Alumni, IT Security Specialist

Digital Fault Line with Cyber Resilience
Niel Pandya
Micro Focus

Cyber Resilience and DevSecOps in Digital Transformation

Registration
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SGU Digital Clinic



DIGITAL CLINIC

August 12th, 2021 | 03.00 PM

Cyber Red Teaming Operation

Speaker: Rio Aseptia (SGU MIT Alumni and IT Security Professional)

Registration
bit.ly/digitalclinicsgu

mit.sgu.ac.id

The poster features a central image of a person in a black hoodie sitting at a desk with a laptop. The laptop screen displays a red padlock icon surrounded by icons for a credit card, a cloud, a person, a folder, and an envelope, with the word 'PASSWORD' written next to the padlock. The background is black with red binary code (0s and 1s) and a red glow.

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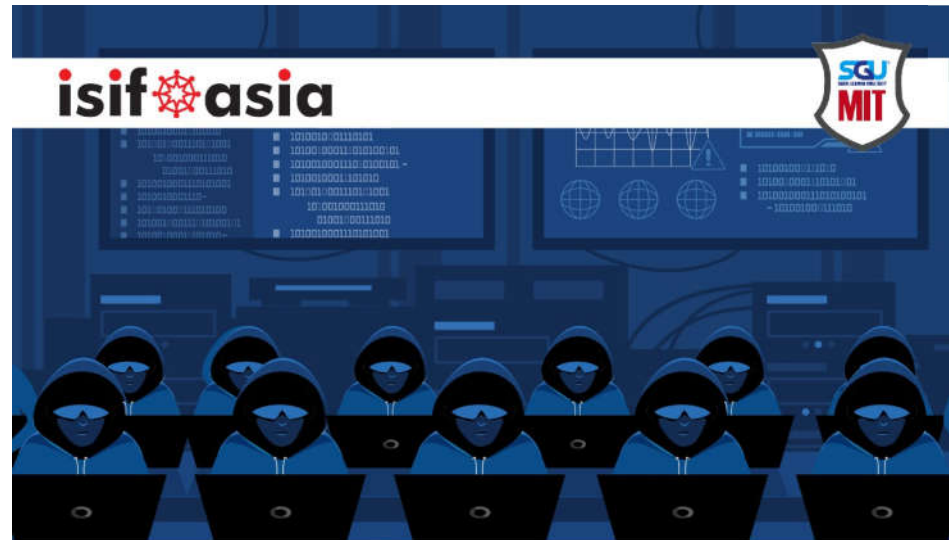
SGU Seminar & workshop



ACHIEVING CYBER RESILIENCY THROUGH ADVANCED THREAT HUNTING



FEBRUARY 17, 2021
9.30 AM - 12.00 PM (WEBINAR)
1.00 PM - 4.00 PM (WORKSHOP)



HoneyNet Threat Sharing: Building Collaboration in the Cyber Security Community

Wednesday
2 June 2021

Webinar 08:30 - 12:00
Workshop 13:00 - 16:00



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Seminar and workshop



Training, Workshop and Webinar
**Security Insights
in the Data Analytics Era**
21st July 2021 Training & Workshop
22nd July 2021 Webinar



SGU[®] MoU Badan Siber dan Sandi Negara



MOU SGU & BSSN | 24 November 2018 | Tangerang, Indonesia



MALWARE

THREAT INTELLIGENCE

SGU® Training Bangladesh Energy Team (Surabaya & Bali)





Academic Analysis of Privacy of Data Regulation



Partner:

Kementerian Komunikasi
dan Informasi
(KOMINFO)

Republic of Indonesia