

- Advanced Program



# IWBIS 2022

## The 7<sup>th</sup> International Workshop on Big Data and Information Security

Virtual Conference hosted by the Faculty of Computer Science, UI  
and Faculty of Defense Technology, RIDU  
October 1-3, 2022

Host



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## CONFERENCE INFORMATION

Dates	October 1 <sup>st</sup> (Saturday) – October 3 <sup>rd</sup> (Monday) 2022
Organizer	<b>Faculty of Computer Science, Universitas Indonesia</b> , Indonesia <b>Universitas Pertahanan</b> , Indonesia
Venue	ZOOM Virtual Webinar and Meeting
Official Language	English
Secretariat	Faculty of Computer Science, Universitas Indonesia Kampus UI Depok Depok, 16424 Indonesia T: +62 21786 3419 ext. 3225 F: +62 21 786 3415 E: iwbis@cs.ui.ac.id W: <a href="https://www.cs.ui.ac.id">https://www.cs.ui.ac.id</a>
Conference Website	<a href="https://iwbis.cs.ui.ac.id">https://iwbis.cs.ui.ac.id</a>

## COMMITTEES

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**N. C. Harahap**, Universitas Indonesia, ID  
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**I. A. Mannix**, Universitas Indonesia, ID

**D. D. Pribadi**, Universitas Indonesia, ID

**M. Asrul**, Universitas Indonesia, ID

**N. Nisa**, Universitas Indonesia, ID

**A. N. Fitrah**, Universitas Indonesia, ID

## REGISTRATION

### REGISTRATION FEE OF IW BIS 2022

Registration Fee for Early Bird		
	Domestic	International
<b>Non-IEEE Member</b>	IDR 2,000,000	USD 140.00
<b>IEEE Member</b>	IDR 1,450,000	USD 100.00
<b>Student</b>	IDR 1,140,000	USD 80.00

Registration Fee for Normal		
	Domestic	International
<b>Regular</b>	IDR 2,500,000	USD 175.00
<b>IEEE Member</b>	IDR 1,750,000	USD 125.00
<b>Student</b>	IDR 1,400,000	USD 100.00


Registration Fee for Participant	
Domestic	International
IDR 1,000,000	USD 70.00

Note: The registration fee is per paper.

Author conference registration will include:

- Conference Proceedings
- E-Certificate

## PAYMENT METHOD

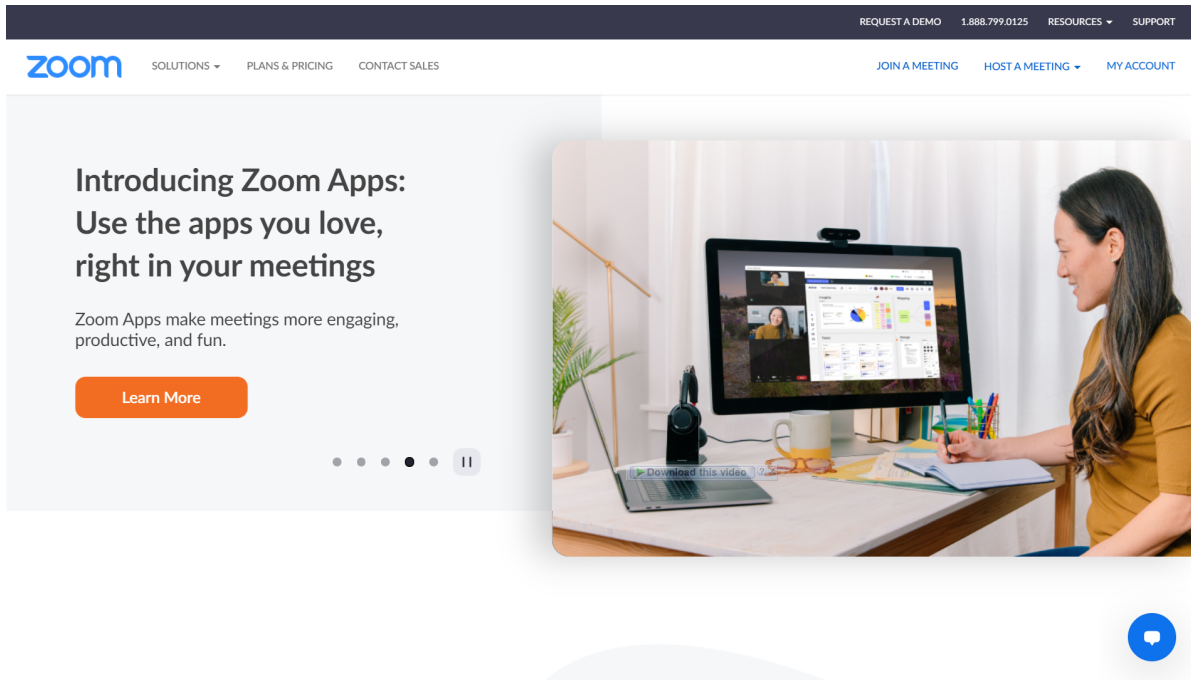
	<p>Bank Name : BNI Account Name : UNIVERSITAS-INDONESIA-Fasilkom Non BP Account Number : 127 3000 444 Swift Code : <b>BNI NIDJA 127 3000 444</b> for 8 characters or <b>BNI NIDJA XXX 127 3000 444</b> for 11 characters</p>
	<ul style="list-style-type: none"><li>• There will be additional fees (\$10/page or Rp 150.000/page) if your paper is more than 6 pages, and please be sure that your paper is not more than 10 pages.</li><li>• Transfer fees transactions are charged to the author.</li><li>• Make sure one of the author(s) of the paper registers to the conference by <b>September 5, 2022</b>, at the latest. Please fill in the following form: <a href="https://bit.ly/iwbis2022-regist">https://bit.ly/iwbis2022-regist</a>. (Form submission needs to log in from Google account.)</li><li>• We do not provide printed proceeding onsite, please contact us if you need one. There is an additional charge to print and ship it to your address</li></ul>



# CONFERENCE PLATFORM

## Parallel Session, Plenary, and Keynote Talk: Zoom Meeting and Zoom Webinar

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A woman is shown in profile, sitting at a desk and looking at a computer monitor. The monitor displays a Zoom meeting interface with a video call in progress and a sidebar with various app icons. The woman is wearing a yellow top and has long dark hair. The desk has a laptop, a mug, and some papers. The background is a simple office setting with a plant and a lamp.

## IWBIS 2022 PROGRAM SCHEDULE

DAY 1: SATURDAY, 1 OCTOBER 2022

Time (GMT +7)		Event	Room
Start	End		
08:00	09:00	Opening Remark	Room #1 Zoom Meeting
09:00	10:00	Plenary Speech #1: Prof. Rajkumar Buyya	Room #1 Zoom Meeting
10:00	10:15	<b>Break (Networking Session)</b>	
10:15	12:15	Session 1: Information Security	Room #2 Zoom Meeting
12:15	13:00	<b>Break (Networking Session)</b>	
13:00	14:00	Keynote Speech #1 ICACISIS: Dr. Mahardhika Pratama	Room #1 Zoom Meeting
14:00	15:00	Keynote Speech #2 ICACISIS: Maj. Gen. Jonni Mahroza, Ph.D.	Room #1 Zoom Meeting
15:00	16:00	Plenary Speech #2: Prof. Maria Valdes Hernandez	Room #1 Zoom Meeting
16:00	16:15	<b>Break (Networking Session)</b>	
16:15	18:15	Session 2: Big Data	Room #2 Zoom Meeting

DAY 2: SUNDAY, 2 OCTOBER 2022

Time (GMT +7)		Event	Room
Start	End		
08:00	09:00	Plenary Speech #3: Prof. Jeremy Blackburn	Room #1 Zoom Meeting
09:00	09:15	<b>Break (Networking Session)</b>	
09:15	11:15	Session 3: Information Security	Room #2 Zoom Meeting
11:15	12:15	Keynote Speech #3 ICACISIS: Dr. Wahyu Caesarendra	Room #1 Zoom Meeting
12:15	13:00	<b>Break (Networking Session)</b>	
13:00	15:00	Session 4: Big Data	Room #2 Zoom Meeting
15:00	15:15	<b>Break (Networking Session)</b>	
15:15	16:15	Keynote Speech #1 IWBIS: Dr. Adhiguna Mahendra	Room #1 Zoom Meeting
16:15	17:15	Keynote Speech #2 IWBIS: AFM. Dr. Ir. Rudy Agus Gemilang Gultom, M.Sc., CEH., CIQaR.	Room #1 Zoom Meeting
17:15	18:00	<b>Closing Ceremony &amp; Awarding Session</b>	Room #1 Zoom Meeting

## DAY 3: MONDAY, 3 OCTOBER 2022

Time (GMT +7)		Event	Room
Start	End		
<b>Indonesia International Defense Science Seminar (IIDSS) - Focus Group Discussion</b>			
08:00	08:40	Opening Remarks	Zoom Meeting Meeting ID: 923 1191 3260
08:40	09:00	Speaker #1: Mayjen TNI Dominggus Pakel, S.Sos M.MSI	
09:00	09:20	Speaker #2: Brigjen TNI Sarwono, S.I.P	
09:20	09:40	Speaker #3: Brigjen TNI (Mar) Suaf Yanu Hardani	
09:40	10:00	Speaker #4: Marsma TNI Dr. Ir. Rudy Agus Gemilang Gultom, M.Sc., CEH, CIQaR	
10:00	10:40	Panelists: - Prof. Dr. Ir. Eko Kuswardono Budiardjo, M.Sc. - Prof. Ir. Teddy Mantoro, Ph.D., SMIEEEE - Dr. Tutun Juhana, ST., MT - Satriyo Wibowo, CCISO, CBP, CSA, ECIH, CEH	
10:40	11:15	Q&A and Conclusion	
11:15	11:30	Closing Remarks	
11:30	13:00	<b>Break (Networking Session)</b>	
<b>Artificial Intelligence Workshop</b>			
13:00	16:00	Speakers: - Prof. Wisnu Jatmiko - Dr. Ario Yudo Husodo - Muhammad Febrian Rachmadi, Ph.D	Zoom Event Webinar ID: 852 8251 5906

## SPEAKERS

### PLENARY SPEAKERS



#### **PROF. RAJKUMAR BUYYA**

Director, CEO  
**Cloud Computing and  
Distributed Systems  
(CLOUDS) Lab**  
The University of  
Melbourne  
Manjrasoft Pvt Ltd,  
Melbourne  
Australia

Dr. Rajkumar Buyya is a Redmond Barry Distinguished Professor and Director of the Cloud Computing and Distributed Systems (CLOUDS) Laboratory at the University of Melbourne, Australia. He is also serving as the founding CEO of Manjrasoft, a spin-off company of the University, commercializing its innovations in Cloud Computing. He has authored over 850 publications and seven textbooks including “Mastering Cloud Computing” published by McGraw Hill, China Machine Press, and Morgan Kaufmann for Indian, Chinese and international markets respectively. Dr. Buyya is one of the highly cited authors in computer science and software engineering worldwide (h-index=155, g-index=342, and 127,200+ citations). Dr. Buyya is recognised as Web of Science “Highly Cited Researcher” for six consecutive years since 2016, IEEE Fellow, and Scopus Researcher of the Year 2017 with Excellence in Innovative Research Award by Elsevier. He has been recognised as the “Best of the World” twice for research fields (in Computing Systems in 2019 and Software Systems in 2021) as well as “Lifetime Achiever” and “Superstar of Research” in “Engineering and Computer Science” discipline twice (2019 and 2021) by the Australian Research Review. Recently, he received “Research Innovation Award” from IEEE Technical Committee on Services Computing and “Research Impact Award” from IEEE Technical Committee on Cloud Computing.

Software technologies for Grid, Cloud, and Fog computing developed under Dr. Buyya’s leadership have gained rapid acceptance and are in use at several academic institutions and commercial enterprises in 50+ countries around the world. Manjrasoft’s Aneka Cloud technology developed under his leadership has received “Frost New Product Innovation Award”. He served as founding Editor-in-Chief of the IEEE Transactions on Cloud Computing. He is currently serving as Editor-in-Chief of Software: Practice and Experience, a long-standing journal in the field established 50+ years ago. For further information on Dr. Buyya, please visit his cyberhome: [www.buyya.com](http://www.buyya.com)



**PROF. MARIA  
VALDES  
HERNANDEZ**

Lecturer in Medical  
Image Analysis  
**Centre for Clinical  
Brain Sciences  
The University of  
Edinburgh  
United Kingdom**

Maria Valdes Hernandez is a Lecturer in Medical Image Analysis at The University of Edinburgh. Maria is broadly interested in image processing and image analysis. She was graduated with merits as Electronic Engineer and MSc in Electronics from the Central University of Las Villas, Cuba, PhD in Electronics and Informatics from Gunma University, Japan. She also obtained the Post-graduate certificate in University Teaching from The University of Edinburgh, UK. She also has several high impact publications in journals, invited oral presentations and software expositions nationally and internationally,

Maria has reputation in establishing successful national and international collaborations that are leading to further grants and institutional collaborative programmes.



**PROF. JEREMY  
BLACKBURN**

Assistant Professor  
**Department of  
Computer Science  
Binghamton University,  
New York, USA**

Jeremy Blackburn is an Assistant Professor in the Dept. of Computer Science at Binghamton University. Jeremy is broadly interested in data science, with a focus on large-scale measurements and modelling. His largest line of work is in understanding jerks on the Internet. His award winning research into understanding toxic behaviour, hate speech, and fringe and extremist Web communities has been covered in the press by the likes of The Washington Post, the New York Times, and Infowars, among others.

Jeremy has an Erdos-Bacon number of  $\leq 7$ , has been quoted by Zizek, and has had at least one League of Legends account permabanned.

## KEYNOTE SPEAKERS



**DR. ADHIGUNA  
MAHENDRA**

Chief of AI and products,  
Vice Director of Industrial  
Collaboration  
**Nodeflux**  
**Indonesia AI Society**

Adhiguna Mahendra finished his undergraduate in Computer Science from the Universitas Indonesia. He received his M.S. degree in computer vision and robotics from the University of Heriot-Watt, U.K., in 2008, and his Ph.D. degree in machine learning and computer vision from the Universite de Dijon, France, in 2012.

He is the Chief of AI and products with Nodeflux, a leading AI Vision company in Indonesia, leading the implementation of AI products, such as the video analytics platform, biometrics eKYC platform, and retail visual analytics platform from the product design, algorithm development, operationalization (MLOps), and commercialization.

He is actively been in the industry with over 20 years of experience building intelligent systems based on AI and machine learning for global and national companies in Europe, Singapore, and Indonesia in verticals, such as oil and gas, industrial automation, aviation, logistics, smart-city, and B2B eCommerce.

He is currently a Lecturer of data science and enterprise architecture in the Master of Information Technology with Swiss German University. Adhiguna is also a Lecturer of business analytics in the MBA Program at Central Queensland University. He received the Best Lecturer Award from Swiss German University in 2018.

He has publications in SPIE, ICME, ICODSE, and IEEE and served as a Reviewer for the International Conference on Engineering and Information Technology for Sustainable Industry (ICONETSI), in 2020.

Adhiguna is also a team of formulators for the National AI Strategy 2020 Ministry of Research and Technology Republic of Indonesia, AI Competency Standard Ministry of Information Technology Republic of Indonesia 2021, and Indonesia Manufacturing Center Ministry of Trade Republic of Indonesia 2022.

Adhiguna is also a vice director of industrial collaboration of Indonesia AI Society (<https://indonesiaai.org>).



**AFM. Dr. Ir. Rudy Agus  
Gemilang Gultom,  
M.Sc., CEH., CIQaR.**  
Vice Dean for Faculty of  
Defense Technology  
**Republic of Indonesia  
Defense University**

Air First Marshal Dr. Rudy Gultom graduated from Indonesian Air Force Military Officers School in 1991, and served as an Electronic Data Processing (EDP) officer, with the rank of First Lieutenant, at the Data and Information Services of the Indonesian Air Force Headquarters in Jakarta, up to 1999.

He finished his first degree in Informatics (Ir.) from Gunadarma University, Jakarta in 1991, and his M.Sc. in Telematics, Department of Computer Science, from the University of Sheffield, U.K. in 1998. He received a British Chevening Award Scholarship for Master degree program in U.K.

In 2000 he served as a Head of Data and Information Processing Services at the National Air Defense Command (Kohanudnas) in Jakarta, and gained his Doctor (Dr.) in Information Technology, Department of Electrical Engineering, Faculty of Engineering from University of Indonesia, Depok, in 2012, after which he moved to the National Resilience Institute of the Republic of Indonesia (Lemhannas RI) in 2006. He received another scholarship from the Lemhannas RI for Doctoral degree program at the University of Indonesia.

He moved to the Republic of Indonesia Defense University (RIDU) in 2017 and he got promoted to become an Air First Marshal (one star rank) in 2022. While working as a Vice Dean for Faculty of Defense Technology, he was also lecturing various subjects related to ICT, IoT, AI, Big Data, Data Communication, Computer Network and Cybersecurity, at the Republic of Indonesia Defense University.

He produced plenty of international research papers published in Scopus indexed publisher. He holds four national copyrights (HAKI) and he is the author of cyber warfare book, with the title "Cyber Warfare: Are We Ready To Deal With It?", published in 2019.

He took several information technology and cyber security courses from various world-renowned educational institutions such as the Institut Des Hautes Etudes De Defense Nationale (IHEDN), Paris, France in 2015 and from the National Defense University (NDU), Washington DC, USA in 2016, also from the Naval Postgraduate School (NPS), Monterey, California, USA in 2016, etc.



## TECHNICAL PROGRAM

### DAY 1

**Conference Opening Remark** Saturday, October 1, 2022  
 Venue: Room #1, Zoom 08.00 – 09.00 (GMT + 7)  
 Webinar ID: 846 8446 3061

**Plenary Speech #1: Prof. Rajkumar Buyya** Saturday, October 1, 2022  
**Moderator:** Prof. Heru Suhartanto 09.00 – 10.00 (GMT + 7)  
 Venue: Room #1, Zoom  
 Webinar ID: 846 8446 3061

**Networking Session** Saturday, October 1, 2022  
 Venue: Room #1, Zoom 10.00 – 10.15 (GMT + 7)  
 Webinar ID: 846 8446 3061

**Session 1: Information Security** Saturday, October 1  
**Session Chair:** Kolonel Laut (P) Ruby Alamsyah, M.Han., 10.15 – 12.15  
 CIPA., CIT. (GMT +7)  
 Room ID: 937 9726 628  
 Zoom Meeting

**2008 Software Implementation Performances of Block Ciphers: A Systematic Literature Review**

Baris Berk Zorba, Ali Ziya Alkar, Murat Aydos, Ayca Kolukisa-Tarhan

**2012 Differential Privacy Techniques for Healthcare Data**

Rishabh Subramanian

**2139 Analysis of ECG Image File Encryption using ECDH and AES-GCM Algorithm**

Prihatin Oktivasari, Rahmat Esa Mohammad Akbar, Ayu Rosyida Zain, Maria Agustin, Asep Kurniawan, Fachroni Arbi Murad

**2025 Indonesian Digital Bank Adoption Defence Determination Post-Privacy Data Leakage Issues**

Muhammad Alfarizi, Rini Kurnia Sari

**2065 Implementation of Data Visualization**

Manan, Gathut Imam Gunadi, George Royke Deksino

**Networking Session** Saturday, October 1, 2022  
Venue: Room #1, Zoom 12.15 – 13.00 (GMT + 7)  
Webinar ID: 846 8446 3061

**Keynote Speech #1 ICAC SIS: Dr. Mahardhika Pratama** Saturday, October 1, 2022  
**Moderator:** Prof. Wisnu Jatmiko 13.00 – 14.00 (GMT + 7)  
Venue: Room #1, Zoom  
Webinar ID: 846 8446 3061

**Keynote Speech #2 ICAC SIS: Maj. Gen. Jonni Mahroza, Ph.D.** Saturday, October 1, 2022  
**Moderator:** Dr. R. Yugo K. Isal 14.00 – 15.00 (GMT + 7)  
Venue: Room #1, Zoom  
Webinar ID: 846 8446 3061

**Plenary Speech #2: Prof. Maria Valdes Hernandez** Saturday, October 1, 2022  
**Moderator:** Muhammad F. Rachmadi, Ph.D. 15.00 – 16.00 (GMT + 7)  
Venue: Room #1, Zoom  
Webinar ID: 846 8446 3061

**Networking Session** Saturday, October 1, 2022  
Venue: Room #1, Zoom 16.00 – 16.15 (GMT + 7)  
Webinar ID: 846 8446 3061

**Session 2: Big Data**  
**Session Chair:** Muhammad Hafizhuddin Hilman, S.Kom., M.Kom., Ph.D.  
Room ID: 937 9726 628  
Zoom Meeting

**Saturday, October 1**  
**16.15 – 18.15 (GMT +7)**

- 2041 Application of Natural Language Processing Using Cosine-Similarity Algorithm in Making Chatbot Information on the New Capital City of the Republic of Indonesia**  
Harry Tursulistyo Yan Achsan, Deni Kurniawan, Diki Gita Purnama, Quintin Kurnia Dikara Barcah, Yuri Yusyana Astoria
- 2098 Development of ship Detection Using OPENCV on Unmanned Prototype Boat for Monitoring National Sea**  
Wibby Aldryani A. P. S, Hendrana Tjahjadi, Iqbal Ahmad Dahlan, Ikhwannul Kholis, Reza Istoni, Angelita Friskilla Bangun, Anry Christiano Tambunan, Jhon Kristel Sabathino Pigome
- 2116 Modeling Person's Creditworthiness over Their Demography and Personality Appearance in Social Media**  
Andry Alamsyah, Dian Puteri Ramadhani, Syifa Afina Ekaputri
- 2103 IndoKEPLER, IndoWiki, and IndoLAMA: A Knowledge-enhanced Language Model, Dataset, and Benchmark for the Indonesian Language**  
Inigo Ramli, Adila Alfa Krisnadhi, Radityo Eko Prasajo
- 2106 Influence of Relief Feature Selection on Random Forest and Support Vector Machine Classification Algorithm**  
Iustisia Natalia Simbolon, Romual Naibaho

## DAY 2

**Plenary Speech #3: Prof. Jeremy Blackburn**  
**Moderator:** Adila A Krisnadhi, Ph.D.

Sunday, October 2, 2022  
08.00 – 09.00 (GMT + 7)

Venue: Room #1, Zoom  
Webinar ID: 817 5646 5289

**Networking Session**

Sunday, October 2, 2022  
09.00 – 09.15 (GMT + 7)

Venue: Room #1, Zoom  
Webinar ID: 817 5646 5289

**Session 3: Information Security**  
**Session Chair:** Bayu Anggorojati, S.T., M.Sc., Ph.D.  
Room ID: 937 9726 628  
Zoom Meeting

**Sunday, October 2**  
**09.15 – 11.15 (GMT +7)**

- 2058 Digital Forensic Analysis on Caller ID Spoofing Attack**  
Adam Waluyo, Setiyo Cahyono, Ahmad Zainudin Mahfud
- 2124 Blockchain Security for 5G Network using Internet of Things (IoT) Devices**  
Othman Omran Khalifa, Muhammed Zaharadeen Ahmed, Rashid A Saeed, Saleh Hussaini, Aisha H.A. Hashim, Elmahdi A. El-Khazmi
- 2105 Anti-Phishing Game Framework Based on Extended Design Play Experience (DPE) Framework as an Educational Media**  
Dikka Aditya Satria Wibawa, Hermawan Setiawan, Girinoto
- 2020 A Secure Lightweight Authentication Scheme in IoT Environment with Perfect Forward and Backward Secrecy**  
E Haodudin Nurkifli, Tzonelih Hwang
- 2039 OmeTV Pretexting Phishing Attacks: A Case Study of Social Engineering**  
Girinoto, Dimas Febriyan Priambodo, Tiyas Yulita, Adek Muhammad Zulkham R. K., Fathurrahman Rifqi A., Shakira Putri A.

**Keynote Speech #3 ICACISIS: Assoc.**

Sunday, October 2, 2022

**Prof. Wahyu Caesarendra**

11.15 – 12.15 (GMT + 7)

**Moderator:** Dr. Mas Ayu Elita Hafizah

Venue: Room #1, Zoom

Webinar ID: 817 5646 5289

**Networking Session**

Sunday, October 2, 2022

Venue: Room #1, Zoom

12.15 – 13.00 (GMT + 7)

Webinar ID: 817 5646 5289

**Session 4: Information Security**

**Session Chair:** Syachrul Arief, Ph.D.

Room ID: 937 9726 628

Zoom Meeting

**Sunday, October 2**

**13.00 – 15.00 (GMT +7)**

- 2060 Modified MultiResUNet for Left Ventricle Segmentation from Echocardiographic Images**

Fityan Azizi, Akbar Fathur Sani, Rinto Priambodo, Wisma Chaerul Karunianto, Mgs M Luthfi Ramadhan, Muhammad Febrian Rachmadi, Wisnu Jatmiko

**2118 Hierarchical Vision Transformers for Cardiac Ejection Fraction Estimation**

Lhuqita Fazry, Asep Haryono, Nuzulul Khairu Nissa, Sunarno, Naufal Muhammad Hirzi, Muhammad Febrian Rachmadi, Wisnu Jatmiko

**2123 Mining Digital Traces to Uncover Global Perception of Bali's Topmost Destinations**

Andry Alamsyah, Dian Puteri Ramadhani, Herlambang Septiaji Basuseno

**2133 Change Detection from Areal Imagery Drones Using Siamese U-Net with Spatial Attention Model**

Lalu Syamsul Khalid, Grafika Jati, Wahyu Caesarendra, Wisnu Jatmiko

**2137 Large-scale 3D Point Cloud Semantic Segmentation with 3D U-Net ASPP Sparse CNN**

Naufal Muhammad Hirzi, Muhammad Anwar Ma'sum, Mahardhika Pratama, Wisnu Jatmiko

**Networking Session**

Sunday, October 2, 2022

Venue: Room #1, Zoom

15.00 – 15.15 (GMT + 7)

Webinar ID: 817 5646 5289

**Keynote Speech #1 IWBIS: Dr. Adhiguna Mahendra**

Sunday, October 2, 2022

**Moderator:** Prof. Eko K. Budiardjo

15.15 – 16.15 (GMT + 7)

Venue: Room #1, Zoom

Webinar ID: 817 5646 5289

**Keynote Speech #2 IWBIS: AFM. Dr. Rudy Agus Gemilang Gultom**

Sunday, October 2, 2022

**Moderator:** Dr. R. Yugo K Isal

16.15 – 17.15 (GMT + 7)

Venue: Room #1, Zoom

Webinar ID: 817 5646 5289

**Closing Ceremony and Awarding Session**

Sunday, October 2, 2022

Venue: Room #1, Zoom

17.15 – 18.00 (GMT + 7)

Webinar ID: 817 5646 5289

**DAY 3****Indonesia International Defense Science Seminar (IIDSS) – Focus Group Discussion**

**Moderator:** Letkol Tek Dr. Ir. Novky Asmoro, S.T., M.Si (Han)., IPU.

- **Speakers:**

- Mayjen TNI Dominggus Pakel, S.Sos M.MSI
- Brigjen TNI Sarwono, S.I.P
- Brigjen TNI (Mar) Suaf Yanu Hardani
- Marsma TNI Dr. Ir. Rudy Agus Gemilang Gultom, M.Sc., CEH, CIQaR

- **Panelists:**

- Prof. Dr. Ir. Eko Kuswardono Budiardjo, M.Sc.
- Prof. Ir. Teddy Mantoro, Ph.D., SMIEEE
- Dr. Tutun Juhana, ST., MT
- Satriyo Wibowo, CCISO, CBP, CSA, ECIH, CEH

Zoom Meeting

Room ID: 923 1191 3260

**Monday, October 3  
08:00-11:30 (GMT +7)**

**Networking Session**

Monday, October 23, 2022

Zoom Meeting

Room ID: 923 1191 3260

11.30 – 13.00 (GMT + 7)

**Artificial Intelligence Workshop**

- Prof. Wisnu Jatmiko
- Dr. Ario Yudo Husodo
- Muhammad Febrian Rachmadi, Ph.D.

Venue: ZOOM Event

Webinar ID: 852 8251 5906

**Monday, October 3  
13:00-16:00 (GMT +7)**

## **CONTACT US**

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