

iSemantic 2022

# **Technology 4.0 for Smart Ecosystem: A New Way of Doing Digital Business**

Universitas Dian Nuswantoro Semarang

September 17, 2022 - September 18, 2022

Detail Attending Parallel Session (<https://isemantic.dinus.ac.id/2022/content/parallel-session>)

# Keynote Speaker



## Dr. Shay Bahramirad

### **Vice President Engineering and Smart Grid ComEd (Oakbrook Terrace, IL)**

Shay Bahramirad is the Vice President of Climate and Resilience at Quanta Technology. She is responsible for assisting cities and utilities with climate change risk assessments for their assets, operations, and services and for developing mitigation strategies and investment strategies for adapting to climate change. Her work powers the planet by reducing carbon emissions, creating cleaner air for everyone, and making communities resilient.

Dr. Bahramirad has held several positions in the Energy Sector, including Vice President of Engineering and Smart Grid at ComEd; the electric utility in IL. In these roles, she has overseen and/or executed “grid of the future” visions, technical roadmaps, analytical frameworks, and investment strategies. She has also been responsible for system reliability, DER integration, grid strategy and analytics, standards, emerging technologies, STEM programming, and reimagining the power grid to mitigate and adapt to climate change. She has also developed talent strategies, industry engagement plans, and advocacy programs to support business objectives.

Dr. Bahramirad is an editorial board member of the Electricity Journal, an adjunct professor at the Illinois Institute of Technology, and the IEEE/PES Vice President of New Initiatives and Outreach, overseeing the organization’s engagement with policymakers globally and developing strategies for the next generation of frameworks including smart cities. She is the founder of PES WiP(Women in Power).



## **Dr. Guruh Fajar Shiddik, MCS**

### **Vice Rector II Universitas Dian Nuswantoro**

Associate Professor Dr. Guruh Fajar Shiddik received Master Degree in University Technical Malaysia, Melaka Malaysia and Ph.D (in Cloud Computing) in Universitas Gajah Mada, Yogyakarta, Indonesia. Currently he is the Dean of Computer Science Universitas Dian Nuswantoro. His research is mainly in Cloud Data Center, Computer Vision, and public health. His paper is published in top scopus journal, such as IEEE Access, Computer Methods and Programs in Biomedicine Elsevier, International Review on Modelling and Simulation, and so on



## **Prof. Mohd. Faizal Bin Abdollah**

### **Associate Professor at Faculty of Information and Communication Technology University Teknikal Malaysia Melaka**

Associate Professor Mohd. Faizal Bin Abdollah: received, master in Malaysia National University (UKM) and a Ph.D (Computer Network and Security) in University Technical Malaysia, Melaka Malaysia in the year 2004 and 2009 respectively. Currently, he is an Associate Professor in the Faculty of Information and Communication Technology University Teknikal Malaysia Melaka. He is also also serving as a reviewer of reputed top ranked SCI-indexed journals. He also authored a book of chapter and serve as consultant for network and forensics. Dr. Mohd. Faizal Bin Abdollah main research interest includes Computer Network and Security.



## **Celia Shahnaz**

### **IEEE WIE Committee Chair-Elect**

Celia Shahnaz, SMIEEE, Fellow IEB, received Ph.D. degree from Concordia University, Canada and is currently a Professor, Department of EEE, BUET, Bangladesh since 2015 (<http://www.celiashahnaz.com>). She has published more than 150 international journal/conference papers. She is a recipient of the Canadian Commonwealth Scholarship/Fellowship and Bangladesh Academy of Science Gold Medal for her contribution in Science and Technology. Recently, her papers have received best paper awards in Biomedical Engineering tracks at TENCON 2017 and at IEEE WIECON-ECE 2016, in Humanitarian Challenge track at R10 HTC 2017. She has around 20 years of experience (more than 18 years as an IEEE volunteer) of leading impactful Technical, Professional, Educational, Industrial, Women Empowerment and Humanitarian Technology and PES related Projects at national/international levels.

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## **Information**

**COVID-2019 Update - iSemantic 2022 Conference will be held with Online Seminar and Parallel Session due the WHO has characterized as 'Global Pandemic'.**

**Here ([https://drive.google.com/file/d/1V\\_Ra-cNceTXYSYnEIB7s3qWIHRtlwJ0TAZEZHKK5d-o/view](https://drive.google.com/file/d/1V_Ra-cNceTXYSYnEIB7s3qWIHRtlwJ0TAZEZHKK5d-o/view)) is the detailed procedure to attend the virtual conference presentation.**

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## Contact

Dewi Pergiwati (+62 895 6061 8625 9)

Nur Habiba Haqu (+62 898 8741 319)

Sekretariat LPPM, Universitas Dian Nuswantoro

Phone : (+62 24) 3517261

Fax : (+62 24) 3569684

E-mail : [isemantic@lppm.dinus.ac.id](mailto:isemantic@lppm.dinus.ac.id)

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