Jose Rizal University

College of Computer Studies Engineering

Computer Engineering Department

W4 - Webinar Report

CPE C409 – SEMINARS AND FIELDTRIPS

Submitted by:

Exiquiel John A. Pines

Submitted to:

Mrs. Monette Loy-A

Date Submitted:

September 23, 2023

Hosting Institution: **2023 ICpEP 3rd International Convention and ICpEP 11th National Convention**

Seminar Title: **Industries 4.0 as applied to Rail Transport Engineering**

Speaker: **Marlou Jasmin Madrio**

Seminar Date and Time: **September 14, 2023 / 1:45 PM**

Seminar Venue: **Webinar via Zoom**

On September 14, 2023, I attended the 2023 ICpEP 3rd International Convention and ICpEP 11th National Convention, one of the topics was titled "Industries 4.0 as Applied to Rail Transport Engineering." The topic was presented by Marlou Jasmin Madrio, a Systems and Controls Engineer for SMRT Corporation in Singapore.

In his seminar, Mr. Madrio discussed a number of ways that Industry 4.0 technologies are being applied to rail transport engineering. Industry 4.0 is the fourth industrial revolution, and it is characterized by the integration of digital technologies into manufacturing and production processes. Industry 4.0 technologies are transforming many industries, including rail transport engineering. One example is the use of sensors to collect data on the condition of rail tracks, trains, and other infrastructure. This data can then be used to predict when maintenance is needed, preventing costly and disruptive failures.

The Industrial Internet of Things (IIoT) is a network of physical objects that are embedded with sensors, software, and other technologies to connect and exchange data with other devices and systems. IIoT is being used in a wide range of industries, including rail transport engineering. IIoT technologies can be used to collect data on all aspects of rail transport operations which can then be used to improve train safety, efficiency, and reliability. IIoT has the potential to revolutionize the rail transport industry, making it safer, more efficient, and more reliable. IIoT is also likely to lead to the development of new and innovative rail transport services.

WAGO's one source of truth concept is a central repository for all data related to a product or process. This repository is synchronized with all systems and applications that use the data, ensuring that everyone is working with the same up-to-date information. WAGO's one source of truth concept helps businesses to ensure that they are working with accurate and up-to-date data at

all times. This is essential for making informed decisions, improving efficiency, and reducing costs. Through this, it can help to improve the safety and efficiency, as well as reduce costs of rail transportation.

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W4 - Webinar Evaluation

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Seminar Evaluation Form

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Seminar Evaluation Form

Topic : Industries 4.0 as applied to Rail Transport Engineering
Speaker : Marlou Jasmin Madrio
Date : September 14, 2023
Time : 1 pm

exiqueiljohn.pines@my.jru.edu Switch account

Draft saved

* Indicates required question

Email *

☑ Record **exiqueiljohn.pines@my.jru.edu** as the email to be included with my response

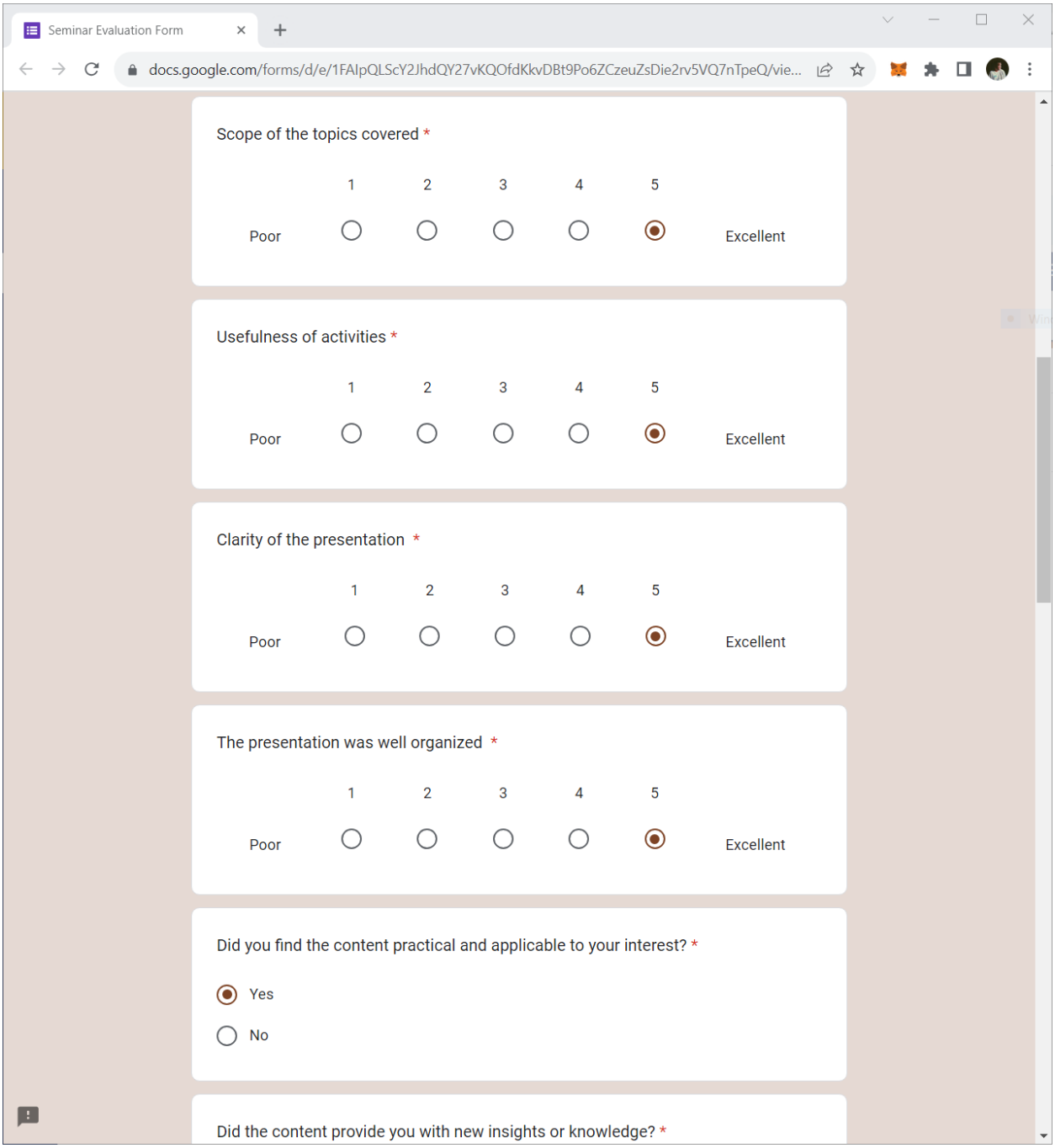
Name *

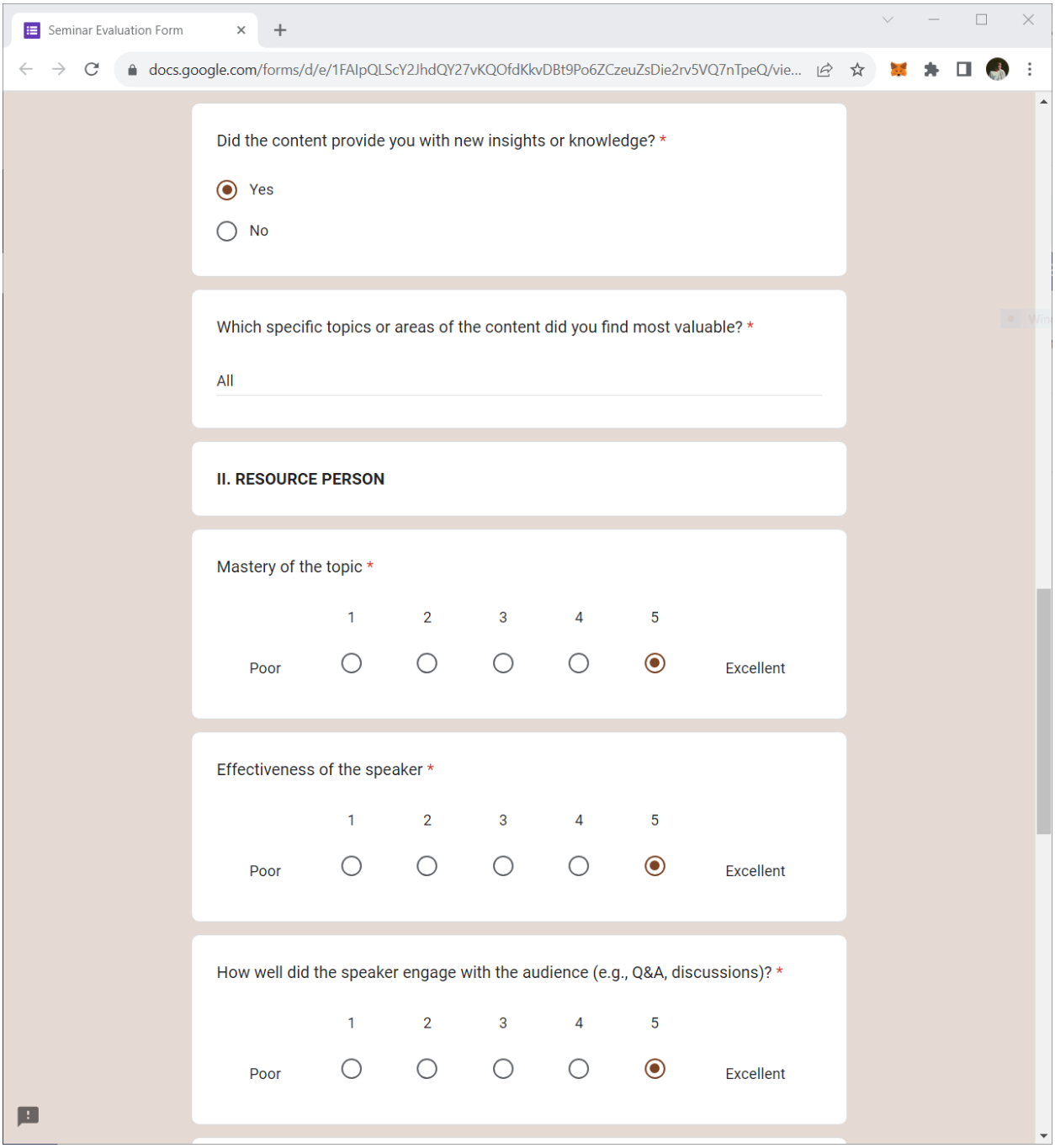
Exiquiel John A. Pines

I. CONTENT

Relevance of the topic discussed *

	1	2	3	4	5	
Poor	○	○	○	○	◉	Excellent


Seminar Evaluation Form
docs.google.com/forms/d/e/1FAIpQLScY2JhdQY27vKQOfdKkvDBt9Po6ZCzeuZsDie2rv5VQ7nTpeQ/vie...
Scope of the topics covered *
1 2 3 4 5
Poor
Excellent
Usefulness of activities *
1 2 3 4 5
Poor
Excellent
Clarity of the presentation *
1 2 3 4 5
Poor
Excellent
The presentation was well organized *
1 2 3 4 5
Poor
Excellent
Did you find the content practical and applicable to your interest? *
Yes
No
Did the content provide you with new insights or knowledge? *


Seminar Evaluation Form
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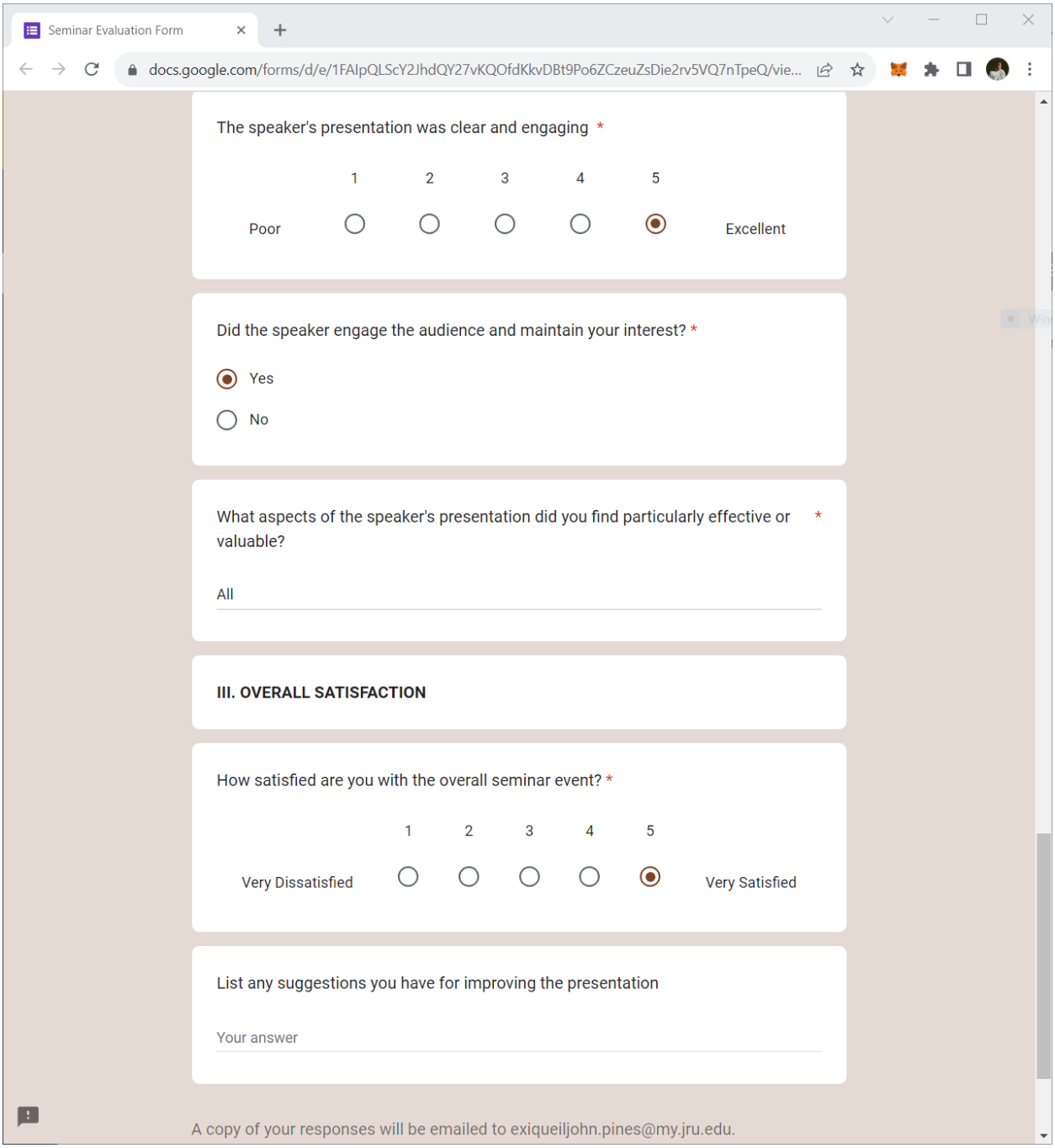
Did the content provide you with new insights or knowledge? *
Yes
No
Which specific topics or areas of the content did you find most valuable? *
All
II. RESOURCE PERSON
Mastery of the topic *
1 2 3 4 5
Poor
Excellent
Effectiveness of the speaker *
1 2 3 4 5
Poor
Excellent
How well did the speaker engage with the audience (e.g., Q&A, discussions)? *
1 2 3 4 5
Poor
Excellent


Seminar Evaluation Form
docs.google.com/forms/d/e/1FAIpQLScY2JhdQY27vKQOfdKkvDBt9Po6ZCzeuZsDie2rv5VQ7nTpeQ/vie...
The speaker's presentation was clear and engaging *
1 2 3 4 5
Poor
Excellent
Did the speaker engage the audience and maintain your interest? *
Yes
No
What aspects of the speaker's presentation did you find particularly effective or valuable? *
All
III. OVERALL SATISFACTION
How satisfied are you with the overall seminar event? *
1 2 3 4 5
Very Dissatisfied
Very Satisfied
List any suggestions you have for improving the presentation
Your answer
A copy of your responses will be emailed to exiqueiljohn.pines@my.jru.edu.

Seminar Evaluation Form

Your response has been recorded.

This form was created inside of Jose Rizal University. Report Abuse

Google Forms

3RD ICPEP INTERNATCON & 11TH ICPEP NATCON 2023

INSTITUTE OF COMPUTER ENGINEERS OF THE PHILIPPINES

presents this

Certificate of Participation

to

EXIQUIEL JOHN A. PINES

for his/her active and invaluable participation on
Topic: Industries 4.0 as applied to Rail Transport Engineering
during the conduct of **3rd International Convention and 11th National Convention of the Institute of Computer Engineers of the Philippines**,
held from the **14th** to the **15th of September 2023** *at* **The Farm @ Carpenter Hill Koronadal City, South Cotabato, Philippines**, *with the theme*
"Engineering Digital Transformation for Smart and Sustainable Communities."

Given this 15th day of September 2023 at The Farm @ Carpenter Hill Koronadal City, South Cotabato, Philippines.

ENGR. PERCILA M. PANAGDATO, PCpE
Overall Chairman, ICpEP IntNatCon 2023
President, ICpEP-R12

DR. ROBEN A. JUANATAS, PCpE
National President, ICpEP