

様式 A-1  
(FY2023)

2023年 12 月 12 日

## サイエンス・ダイアログ 実施報告書

1. 学校名・実施責任者氏名: 名古屋市立向陽高等学校 服部 真珠子(教諭)
2. 講師氏名: Dr. Fengky Satria YORESTA
3. 講義補助者氏名: \_\_\_\_\_
4. 実施日時: 2023年12月12日(火) 13:15 ~ 14:05
5. 参加生徒: 2年生 37人、 3年生 0人、 4年生 0人 (合計 37人)  
備考: (例:理数科の生徒) 国際科学科(理数科)の生徒
6. 講義題目: 柱に対する優れた低環境負荷・耐久性を有する新たな CFRP 補強技術
7. 講義概要: CFRP の強度や用途などの説明、出身国の紹介
8. 講義形式:  
対面 ・ オンライン (どちらか選択ください。)
  - 1) 講義時間 40 分 質疑応答時間 10 分
  - 2) 講義方法 (例:プロジェクター使用による講義、実験・実習の有無など)  
プロジェクター使用による講義
  - 3) 事前学習  
有 ・ 無 (どちらかに○をしてください。)  
使用教材 講師の先生のポキャブラリーリスト
9. その他特筆すべき事項:  
  
特記事項なし

**Form B-2**  
**(FY2023)**  
**Must be typed**

Date (日付)  
18 / 12 / 2023 (Date/Month/Year: 日/月/年)

**Activity Report -Science Dialogue Program-**  
(サイエンス・ダイアログ事業 実施報告書)

- Fellow's name (講師氏名): Dr. Fengky Satria Yoresta (ID No. P22361 )

- Name and title of the accompanying person (講義補助者の職・氏名)

-

- Participating school (学校名): Nagoya City Koyo Senior High School

- Date (実施日時): 12 / 12 / 2023 (Date/Month/Year: 日/月/年)

- Lecture title (講義題目):

CFRP for Stronger Structures

- Lecture format (講義形式):

◆  Onsite ・  Online (Please choose one.)(対面 ・ オンライン)((どちらか選択ください。))

◆ Lecture time (講義時間) 35 min (分), Q&A time (質疑応答時間) 15 min (分)

◆ Lecture style(ex.: used projector, conducted experiments)

(講義方法 (例: プロジェクター使用による講義、実験・実習の有無など))

Powerpoint presentation using a projector

- Lecture summary (講義概要): Please summarize your lecture within 200-500 words.

My lecture took place on December 12, 2023, at Nagoya City Senior High School. Overall, the lecture went well. I communicated with the responsible teacher from the beginning until the end of the activity. Initially, I faced a challenge with the school location, which I was not familiar with, but in the end, it did not become a problem as I managed to overcome it successfully. The total lecture time was 50 minutes. I was given 35 minutes for the presentation and then followed by a 15-minute question and answer session. I think the duration allocation was good. I could deliver the material without rushing. I believe the students could also receive the information well. I started my lecture by introducing myself, then proceeded to introduce my country, Indonesia. After that, I continued the lecture by presenting my research activities during my time in Japan. After delivering the presentation, the students were given the opportunity to ask questions. Some students were interested in knowing how I came to research the current topic in Japan. Some also asked about the advantages of the research I was working on. I answered their questions one by one. However, the questions did not only come from the students, but their teachers also asked me questions with great enthusiasm. This made our discussion lively.

◆ Other noteworthy information (その他特筆すべき事項): none

- Impressions and comments from the accompanying person (講義補助者の方から、本事業に対する意見・感想等がありましたら、お願いいたします。): none



JSPS Research Dialogue 2024  
@ Higashi-Kyoto Senior High School, December 18<sup>th</sup>

# CFRP FOR STRONGER STRUCTURES

Dr. Fughy Boris Yurata  
JSPS Postdoctoral Fellow  
Materials Engineering Laboratory  
Tohoku University of Technology

Blank green chalkboard.

Chalkboard with handwritten notes and diagrams.