

Form B-2
(FY2020)
Must be typed

Date (日付)
19.11.2021. (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): **Tomislav Miletic (ID No. PE19056)**
- Name and title of the accompanying person (講義補助者の職・氏名) **Kanghui DU**
- Participating school (学校名): **Tezukayama High School**
- Date (実施日時): **11.11.2021.** (Date/Month/Year: 日/月/年)
- Lecture title (講義題目): **Ethical Artificial Intelligence (Society 5.0)**
- Lecture format (講義形式):
 - ◆Lecture time (講義時間) 120 min (分), Q&A time (質疑応答時間) 20 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))
Projector, Blackboard

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

In this lecture we have explored some of the vital questions on the nature of moral robotics and the future human-AI society. Some of the questions we have asked are: "How can we create good robots?" "Should robots create decisions that impact human life?" "Is it good to create robot guards, or robot police-officers?" "Would you trust a robot-surgeon to operate your brain?" "Can robots improve bad (immoral) human behavior?" "Should Artificial Intelligence systems decide who gets accepted into the university?" "Should Artificial Intelligence systems decide who gets the promotion in a company?" "Should Artificial Intelligence systems decide who gets released from jail?" "Should the government be allowed to monitor your social network activity (Facebook, Instagram, Line) without you knowing it? In doing so, we have tried to encourage pupils for participation and deliberation on these important social matters. We have also provided answers to some of the fundamental ethical points, such as "What is the difference between morality and ethics" as well as pointing out to some of the important points of human-robot interaction such as "How should a robot interact with a human being" and "How should a human interact with a social robot". In all of these we have tried to encourage a positive vision of the future, where humans and robots participate in the commonly shared social life. However, we also pointed out some of the basic limitations and problems of robotic implementation in the society and the need for education and literacy in AI and ethical knowledge.

◆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.):

It was a really impressive experience for me to take part in the event as an accompanying person. We have been welcomed by both the teachers and students in high school and had a fun time with the student. For foreign researchers, I believe this is a good chance to experience what actually high school class likes. Just some small points I think it could become better. The schedule should be clearer, what we heard from high school is that we need to give a presentation around 1 hour, but actually, we had presented for around 2 hours, if we could know the exact time we need to present, I believe we could do better. Additionally, I think there might be some researchers who are interesting in Japanese high school life, if there will be guidance in the school by students or teachers, I think it will be more interesting. In a word, I really enjoy this event, thank you for providing the chance for us to join.