

This report is supposed to be published on the MIRAI website in order to publicize MIRAI activities and outcomes as a funded project by SJSF.

FY2024 Scandinavia-Japan Sasakawa Foundation
MIRAI Global Challenges Winter School
Participation Report

Name of participant	Fangqin Guo
University	Hiroshima University
Department (Graduate School, Faculty)	The Graduate school of advanced science and engineering
Major (keywords)	Material engineering
Link to your researcher profile (if any)	Fangqin Guo - Web of Science Researcher Profile

1. What is the purpose of your participation in the Winter School?

I aimed to explore more about the relationship between Japan and Sweden in cooperation with research exchange. In addition, I was also interested in the making of cooperation relations with Sweden's academic field for future international network construction.

2. What did you gain from participating in the Winter School (so to say, key takeaways)? What did you feel was good about participating? Please include the reasons.

I learned that Japan and Sweden have joint cooperation in many different aspects, and they have similar visions about cooperation in economics, education, and so on. They have already made strong connections in many ways. I also had a nice opportunity to know many researchers with different backgrounds, and it made me think deeply about the interdisciplinary subjects. With this great opportunity, I was able to expand my social circle and make friends with different young researchers from Europe and Japan.

3. How would you like to make use of the outcomes and networks you gained at the Winter School in your research activities in the future? Please describe specifically, and, in particular, please let us know any initiatives you would like to try in MIRAI.

I made some connections with Sweden's teams, which have a strong connection with our field. We also have contact with each other and will apply for some joint research programs in the future. Especially in Mirai, we would like to try to apply the seed funding first.

4. Please feel free to share your ideas on how to make MIRAI more interdisciplinary and function as a platform to promote the development and exchange of young researchers (e.g., what opportunities and initiatives would further accelerate exchange).

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Maybe a matching teamwork and small joint research meeting can be held, and then, the total report of the whole team can be gotten together, so we can have a deeper understanding of the partners' researchers.

Group discussions would be a 2nd choice, not only for committee members but also for all the participants.

Joint research funds with the involvement of Japanese and Swedish companies would be another choice. Some joint projects can be planned with the leadership of such international companies like Mitusbishi, so the longer relationship can be sustained and explained possibly.