



MIRAI 2.0 R&I WEEK REPORT

ABSTRACT

This report provides an overview of the key engagements and notable achievements garnered throughout the MIRAI 2.0 R&I Week, hosted by Umeå University in Sweden from November 13th to 16th, 2023.

Ilhem Nadia Rabehi

MIARI 2.0 R&I week 2023

1. Daily participation during the event

Nov 13th, 2023:

- Registration,
- The opening ceremony,
- Attending the seed-funded project presentation (material sciences: Exploring the potential of organic electrolytes for next-generation solar cells)

Nov 14th, 2023:

- Presenting about the perovskite solar cells and interacting section,
- Join campus guided tour,
- Attending the material science presentation (Perovskite solar cells by Dr. Toshinori Matsushima, Kyushu University) and (Improving the Stability of Perovskite solar cells Dr. Feng Wang, Linkoping University)
- Join the guided tour to the Curiosum (science museum)

Nov 15th, 2023:

- Join the Co-creation of multicultural teams-experience from Swedish and Japanese companies.
- Join the application of machine AI in material sciences.
- Join the social evening with food and beverages – for all participants. At Rex Town Hall.

Nov 16th, 2023:

- Closing Workshop (interactive)
- Closing ceremony
- Guided tour to the art museum

2. The main gain from the MIRI2.0

During the workshop, the interdisciplinary dynamic truly stood out as a highlight for me. Engaging in spontaneous discussions with individuals from diverse fields was not only exhilarating but also immensely educational. The experience taught me how to articulate my research in a way that makes its application advantages and research challenges accessible to everyone, and I consider this newfound skill to be a remarkable outcome.

Furthermore, I established valuable networks during the workshop that I anticipate will prove instrumental in fostering future collaborations. These connections extend beyond the immediate event and hold the potential to contribute significantly to my ongoing research endeavors.

In a related vein, I took the opportunity to showcase OIST (my Institute) and its research initiatives. This involved not only highlighting the nature of our research but also emphasizing the support structure that underpins our work at OIST. This effort aimed to provide attendees with a comprehensive understanding of the rich tapestry of research and support that defines our institute.

3. Acknowledgements

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