

there and not only was I happy to reconnect with him, I was also incredibly humbled to have parts of my research featured in his talk. Hence, I would like to thank SOKENDAI and IMS for making my attendance possible.

It is worth noting that this GRC

took place just five days after I successfully defended my doctoral dissertation. While both still need time to sink in properly, it slowly dawns on me how little we actually know as scientists; Our answer to one question immediately spawns ten new ones.

Realizing this may be a crucial part of maturing as a scientist and with all the experiences we make along the way, I hope we never run out of questions.

受賞者の声

Ruttapol MALATONG (総合研究大学院大学 物理科学研究科 構造分子科学専攻 博士後期課程3年)

Poster Award at Gordon Research Conference 2023

I am Ruttapol Malatong, currently a Ph.D. student at the Institute for Molecular Science (IMS)/SOKENDAI under supervision of Prof. Hiroshi Yamamoto since October 2020. Regarding my research interests, I intensively dedicate myself to the development of switchable spin selective device based on controllable organic chirality.

In my Ph.D. course, I am grateful and honored to have received a great chance for joining a Gordon Research Conference, an international conference with the topic of “Electron Spin Interactions with Chiral Molecules and Materials” held from July 30 to August 4, 2023, at Southern New Hampshire University, U.S.A.

I have participated the conference as a poster presenter with the title of “Highly Durable Spin Filter Switching Based

on Self-Assembled Chiral Molecular Motor”, where the overcrowded alkene-based molecular motor observes large spin polarization. The polarization is referred to as chiral-induced spin selectivity (CISS) effect, and the spin polarization direction in our device can be inverted by externally switching chirality in “one device”. Eventually I received the poster prize and was chosen to make an oral presentation about my work to prominent famous professors as well as special researchers coming from all over the world. It was an amazing opportunity to show my potential and ability by exchanging first-hand knowledge with numerous experts in the field and bringing

new ideas and suggestions to further open a new window for my research upgrading.

I would like to thank IMS for its great financial support throughout my trip. Besides, I greatly appreciate my supervisor, Prof. Hiroshi Yamamoto for giving me an unforgettable opportunity to join this prestigious conference. Last but not least, thanks to all the people involved in this process.



Photo taken at the conference site.
I am at the left most in the picture.