

Gunma University hosted 16 students and staff from the University of Wollongong, Australia, through an Australian Government grant initiative called the The New Colombo Plan Mobility Program. The New Columbo Plan is a signature initiative of the Australian Government which aims to life knowledge of the Indo-Pacific in Australia by supporting Australian undergraduates to study and undertake visiting Gunma University Heavy Ion Medicine Research Center and Takasaki Advanced Radiation Research Institute.

From July 15th (Mon) to 16th (Tue), 16 students and staff from Center of Medical Radiation Physics (CMRP) of University of Wollongong (UOW, <https://www.uow.edu.au/>), Australia, visited Gunma University and National Institutes for Quantum and Radiological Science and Technology (QST). On Monday, 15<sup>th</sup> July (Japanese public holiday) UOW students and staff visited Gunma Heavy Ion Cancer Therapy Center (Gunma Heavy Ion Cancer Therapy Center: GHMC) which is located on Showa campus of Gunma university. Visitors are welcomed by students and 10 staff of GHMC and faculty of science and technology, Gunma University. International exchange was conducted by GHMC staff throughout laboratory and facility tour and research lectures following questions and answers. Professor Dr. Tashiro gave introduction and on-going but outstanding research works done by two doctoral-course students from GHMC were presented. As a counter-part, an excellent work was introduced by Dr. Dean Cutajar from CMRP-UOW. On July 16 (Tue), UOW-CMRP visitors and students of Gunma university visited Takasaki Advanced Radiation Research Institute (TARRI), QST and visited electron and ion beam facility as well as excellent laboratories for wide-band gap semiconductor research project, where is one of the most advanced research and development site for radiation application technology.

Among the 2030 Agenda for Sustainable Social Building set up at the UN General Assembly in 2015, so-called SDGs, we have very important statement as Goal 3: Enforcement of advanced medical technology is required under various conditions and conditions as “Ensure healthy lives and promote well-being for all at all ages”. We believe that Gunma university will contribute those global commitments by leading heavy ion cancer therapy and related medical and science and engineering researches. While those global interests are not only local activity but international actions, we are quite keen to keep the activity of international collaboration related on the topics. This exchange is considered to contribute to the building up careers of early stage researchers and students as global leaders who contribute the commitment beneficial for not only the two universities but als

o the local community and the international community especially while our partner, CMRP-UOW, is recognized as center of excellence in the medical radiation physics research and education. We would like to continuously develop this international exchange relationship and develop educational and research partnership that lead from the regional to global level.

At last but not least we would love to acknowledge that the exchange supported by the Australian Government-led international exchange program The New Colombo Plan Mobility Program. We also would like to thank our external supporter, the staff of the Italian cafeteria "Chinema" at the Gunma University Hospital, who provided opportunity for luncheon meeting regardless of holidays. Finally, we would like to remark and thank staff of the Gunma University Heavy Ion Medicine Research Center and Takasaki Quantum Application Research Institute for their enthusiastic support on the visit.