

CV of Koji Matsubara

Prof. Koji Matsubara works at Niigata University, Japan. He is majoring heat transfer engineering and published his works on physics of turbulent flows and conjugate heat transfer of solar receiver in high-quality journals. He has studied high-temperature solar thermal utilization, and has three patents on new technology of solar receiver and receiver reactor. Now, he is a leader of international research project on solar receiver reactor for carbon dioxide splitting, supported by NEDO. He is preparing for the demonstration of his receiver reactor with new reactive material using a solar furnace in collaboration with his partners in Japan and United States within 2023.