



Associate Professor Dr. Metta Chareonpanich

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Dr. Metta Chareonpanich received her PhD degree in the field of Applied Chemistry at Tohoku University in 1996. Then, she came back to work at Kasetsart University, Thailand. Dr. Chareonpanich's research career has been established on "Cleaner Production Concept". She has expertise in multidisciplinary research on catalyst and absorbent preparation which includes zeolites, mesoporous silica, and composite materials. Her research applications are mainly focused on VOC absorption and multifunctional catalysts for green chemical feedstock and alternative energy production from greenhouse gases. Following her academic achievements, Dr. Chareonpanich has been invited to deliver keynote speeches at various local and international conferences. She has also served as a guest editor for the Journal of Cleaner Production (special issue SI: Green Sust Innov & Appl 2017), reviewer for more than 30 well-recognized international academic journals. In 2007, Dr. Chareonpanich was given the L'Oreal Thailand's "For Women in Science" Fellowship Award with the support of the Thai National Commission for UNESCO. In 2013, she was selected by Petroleum Institute of Thailand to receive the PTIT Awards for 2013-2014 (PTIT Fellow) as the people who has conducted outstanding academic research that are accepted by education and industrial sectors in the areas of Petroleum (Oil & Gas) and Petrochemicals. In addition, in 2018 Dr. Chareonpanich was given the outstanding research award in Material Science from the Synchrotron Light Research Institute (SLRI), the Ministry of Science and Technology, Thailand.

Title of talk: Green Catalysts for Sustainable Energy and Environment

Web page: <http://www.che.eng.ku.ac.th/index.php/en/our-team/faculty/32-assoc-prof-dr-metta-chareonpanich>