

Call for Contributions

Workshop IV: “Carbon Dioxide: Challenges and Opportunities for Chemistry and Society”, April 10-11, 2018

During the University Alliance for Sustainability Spring Campus 2018

Organized by Prof. Dr. Biprajit Sarkar, Department of Biology, Chemistry, Pharmacy, Freie Universität Berlin

All life on earth is dependent on climate. Greenhouse gas emissions from human activities – among others, carbon dioxide (CO₂) – are drivers of climate change. Therefore, climate change presents a major global challenge. The discussion on future impacts of climate change should direct political and economic strategies and decision-making processes on the local, national and global level.

Within the workshop “Carbon Dioxide: Challenges and Opportunities for Chemistry and Society” we will discuss the origins of the large amount of carbon dioxide currently present in the atmosphere. This part will be followed by the explanation of reasons that make CO₂ a harmful greenhouse gas. Afterwards, novel and innovative ways for carbon dioxide capture and its conversion to value-added products will be discussed. The aim of this workshop is to explain the contribution of chemistry (among other things) in making our world more sustainable