



第185回触媒化学研究センター－談話会

演 題 : Selective Oxidation – Process Considerations

講演者 : **Jean-Luc Dubois** 博士

Research and Development Division ARKEMA France

日 時 : 2005年1月28日(金)
13:30 - 15:00

会 場 : 北海道大学創成科学研究棟
4階 セミナー室 315号室

要 旨 : Selective oxidation reactions have all a common by-product: Carbon dioxide. CO₂ emissions associated with the production of many chemical products have been calculated. These data will be presented in a way to show how chemistry and catalysis can be used to reduce the greenhouse gases. New reactor technologies can also be used to reduce the energy consumption and the emission of CO₂ both with respect to the yield improvement. Selective oxidation reactions can be carried out in many different kind of reactors, the advantages and disadvantages of some of them will be discussed. Some tools for process selection will be introduced.

《連絡先》 北大触媒化学研究センター 機能材料設計分野

上田 渉 (TEL: 011-706-9164)