

Seminar

Topic: Catalytic water treatment methods: oxidation and reduction processes

Speaker: Prof. Michèle Besson, IRCELYON

Date & Time: 8:40-9:20 (am) Oct, 19, 2012 (Friday)

Venue: Meeting Room 308, IPE Mansion



Education

- June 1978 Ingénieur Ecole Nationale Supérieure de Chimie de Strasbourg
June 1979 Diplôme d'Etudes Approfondies (Master 2), Cinétique et Catalyse, University Lyon 1,
May 1984 Doctorat d'Etat Sciences (PhD), University Lyon 1, "Catalytic hydroliquefaction of coal"
1984 Habilitation à Diriger les Recherches

Work Experience

- 10/1981 Attaché de recherches CNRS
01/1984 Chargé de recherche CNRS
10/1998 Directeur de recherche CNRS 2^{ème} classe
1981-1986 IRC (Institut de Recherches sur la Catalyse), Villeurbanne
1987-1990 LEDSS (Laboratoire d'Etudes Dynamiques et Structurales de la Sélectivité), Grenoble
1990-... IRC (Institut de Recherches sur la Catalyse), IRCELYON (Institut de recherches sur la catalyse et l'environnement de Lyon) since 2007
1994-1996 Vice-leader of Team "Catalysis at the Gas/Liquid/Solid interfaces", IRC
1996-2000 Vice-leader of Team "Catalytic Reaction Engineering, IRC
2000-2006 Leader of Team "Fine Chemicals and liquid phase depollution", IRC
Since 2007 Co-Leader of Team "Treatment of water and liquid effluent" and member of Team "Transformation of biomass and green chemistry", IRCELYON

Research Activities

Elimination of organic pollutants and ammonia in water by Catalytic Wet Air Oxidation;
Selective catalytic reactions in liquid phase for fine chemistry (hydrogenation, oxidation, hydrogenolysis) in the presence of supported metallic catalysts
Author of 130 scientific papers, 2 patents, 90 international oral communications.