

### 3<sup>rd</sup> workshop on Renewable Energy:

- The Center of Research Excellence in Renewable Energy **CoRERE** is organizing a workshop on the topic "3<sup>rd</sup> Renewable Energy Workshop: Advances in Fuel Cell Technology" and would like to invite you to participate in the workshop to be held on 5th April 2009.
- The aim of this workshop is to promote the practice of environment friendly renewable energy power system for the terrestrial and space applications. The workshop tries to address the challenges of the fuel cell technology to the general public.
- The objectives of the workshop also include awareness, technical needs and the research requirement related to the fuel cell technology. Excellency of the center in the field of Proton exchange Membrane Fuel Cell is directed towards the greater use of hydrogen as fuel in future.

#### Venue

Building 15, 4th Floor Auditorium,  
Research Institute  
King Fahd University of Petroleum  
& Minerals

#### Organizing Committee

Dr. S.U. Rahman  
Dr. S.M. Javaid Zaidi  
Mr. Hasan Baig  
Dr. Inamuddin  
Mr. Safdar Hussein

#### Registration

It is recommended to register online at  
<http://:Corere.kfupm.edu.sa>  
by April 3, 2009.  
For further information, contact  
Dr. Inamuddin  
Workshop coordinator.  
Email: [inamuddin@kfupm.edu.sa](mailto:inamuddin@kfupm.edu.sa)

## Workshop

### Advances in Fuel Cell Technology

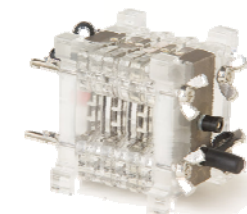
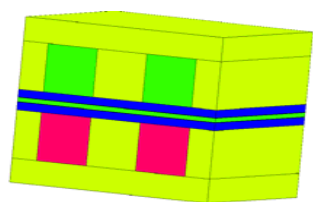


**April 5, 2009**

**Organized by**

**Center of Research Excellence in Renewable Energy**

**King Fahd University of Petroleum & Minerals**



| Time                                      | Speaker   | Title of Presentation   |
|---|---|---|
| 8:00-8:15 a.m.                            | H.E. Dr. Khalid S. Al-Sultan<br>Rector, KFUPM,<br>Saudi Arabia  | Welcome and Opening Remarks   |
| 8:15-8:30 a.m.                            | Dr. Habib Abualhamayel<br>Director<br>CoRERE, Saudi Arabia  | Introduction to CoRERE and overview of current activities                                     |
| 8:30-9:15 a.m.                            | Dr. S.U. Rahman<br>Assistant Director<br>CoRERE, Saudi Arabia   | Electrochemical reduction of CO <sub>2</sub> in electrochemical reactor similar to Fuel Cells |
| 9:15-10:15 a.m.                           | Dr. Ajayan Vinu<br>Senior Scientist<br>National Institute for Materials Science, Japan                        | Advanced Functional Materials for Energy and Environment                                      |
| <b>Coffee Break (10:15-10:30 a.m.)</b>    |   |   |
| 10:30-11:15 a.m.                          | Dr. Paul Dickerson<br>Partner<br>Haynes and Boone's Clean Tech practice group, USA                            | Paving the Way With Policy and Markets: U.S. Strategies to Spur Mass Adoption of Fuel Cells   |
| 11:15-12:00 a.m.                          | Dr. S.M. Javaid Zaidi<br>Head, Fuel Cell Research Group<br>CoRERE, Saudi Arabia                               | Progress in Fuel cell Research at KFUPM   |
| <b>Lunch Break (12:00-1:30 p.m.)</b>      |   |   |
| 1:30-2:15 p.m.                            | Dr. S. Basu<br>Professor<br>Department of Chemical Engineering<br>Indian Institute of Technology Delhi, India | Development of low temperature solid oxide fuel cell  |
| 2:15-3:00 p.m.                            | Dr. Shakeel Ahmed<br>Research Engineer<br>CRP, Research Institute, KFUPM<br>Saudi Arabia                      | Production of hydrogen for fuel cell applications: Opportunity & Challenges                   |
| <b>Panel Discussion (3:00-4:00 p. m.)</b> |   |   |

