



# EuCheMS Lecture 2010

## NEWS RELEASE

**Professor Michael Grätzel will deliver the EuCheMS Lecture on  
'Molecular Photovoltaics and Mesoscopic Solar Cells'  
at the 3<sup>rd</sup> EuCheMS Chemistry Congress  
on 30 August 2010 in Nürnberg, Germany**

Chemistry is expected to make key contributions in identifying environmentally friendly solutions to the energy supply problems the world will be facing in the next few decades.

Michael Grätzel's Lecture introduces one of the major Congress themes 'Energy Research, Water and Food for an Increasing Population'. Further information about the EuCheMS Chemistry Congress on 29 August–2 September is on the website <http://www.euchems-congress2010.org/>

Michael Grätzel, Professor at the Ecole Polytechnique de Lausanne, directs the Laboratory of Photonics and Interfaces. He pioneered research on energy and electron transfer reactions in mesoscopic-materials and their application in solar energy conversion systems, optoelectronic devices and lithium ion batteries. Learning from the concepts used by green plants Michael Grätzel's team has developed a molecular photovoltaic device whose overall efficiency for solar energy conversion to electricity has presently attained 12.3%.

Author of over 800 publications, two books and inventor of more than 50 patents, Michael Grätzel's work has 60000 citations so far, ranking him amongst the ten most highly cited chemists worldwide. He has received numerous awards including the Millennium 2000 European Innovation Prize, the Faraday Medal of the Royal Society, the Dutch Havinga Award, the ENI-Italgas Prize and the Gerischer Prize. In 2009 he was awarded the Balzan Prize for the Science of New Materials. Further information is on his web page <http://isic2.epfl.ch/page58671.html>

The EuCheMS Lecture honours outstanding achievements by a European chemist. It also serves to enhance the image of European chemistry and to promote scientific cooperation in Europe. It rotates among EuCheMS member societies and is delivered at a scientific event outside the lecturer's own country.

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**Note:** EuCheMS - the European Association for Chemical and Molecular Sciences - is a non-profit making association. Its object is to promote cooperation in Europe between those non-profit-making scientific and technical societies and professional institutions in the field of chemical sciences whose membership consists largely of individual qualified chemists/chemical scientists and whose interests include the science and/or practice of chemistry/chemical sciences. It was founded in 1970 and currently has 47 member societies in over 30 countries.

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