

Michael Graetzel

Professor at the Ecole Polytechnique de Lausanne, Michael Graetzel directs there the Laboratory of Photonics and Interfaces. He discovered a new type of solar cell based on dye sensitized mesoscopic oxide particles and pioneered studies of semiconductor nanoparticles, nanocrystalline junctions and their use in electroluminescent and electrochromic displays as well as lithium ion batteries and bioelectronics. Author of over 800 publications, two books and inventor of more than 50 patents, his work has been cited over 50'000 times (h-factor 107). He has received numerous prestigious awards, including the Harvey prize, the Galvani Medal, the Faraday Medal, the First International Prize of the Japan Society of Coordination Chemistry, the Dutch Havinga award, the ENI-Italgas prize, the European Innovation Prize 2000, the 2005 World Technology award and the Gerischer award. He was selected by the Scientific American as one of the 50 top researchers in the world.

Over the last 5 years alone, Professor Graetzel was invited to present the 2009 Perrin lecture in Paris France, the 2009 *Bailor lectures* at University of Illinois Urbana, USA, the 18th *Brdicka Lecture* at the Karl's University Prague, the 2008 *AD Little lecture* at the MIT in Boston, USA, the 2008 "*Lecture at the Leading Edge*" at the University of Toronto, Canada, the 2008 *Earl L. Muetterties Memorial Lectures* at the University of California in Berkeley, the 2007 *William Lloyd Evans Lectures* at Ohio State University, the 6th *Distinguished Gouq-Jen Su lecture*, at the University of Rochester, USA, the 2006 *Rohm&Haas lecture*, at Stanford University, the 2006 *Arthur Birch Lectures* at the Australian National University in Canberra, the 2006 *Cady Lectures* at the University of Washington in Seattle, USA, the 2006 *Johnson Lectures* at Cornell University in Ithaca, USA, the 2005 *Weissberger Williams Distinguished Scientist Lecture* at Kodak Rochester USA and the 2003 *Dupont Centennial Lecturer*, Dupont Wilmington, USA. Professor Graetzel has been the Mary Upson Visiting Professor at the University of Cornell Ithaca N.Y. USA and is currently a Distinguished Invited Professor at the National University of Singapore. From 2003-2006 he was a Honorary part time Chemistry Chair, at Delft University of Technology Netherlands. He has been invited Professor and held visiting appointments as a Fellow of the Hanse Scientific College, Bremen, Germany, at the National Renewable Energy Laboratory in Golden, Colorado USA at the Ecole Nationale Supérieure de Cachan in Paris, France and at the University of California at Berkeley, USA.

He is a member of the editorial board or editorial advisory board of several scientific journals. He received a doctor's degree in Natural Science (Dr. rer. nat.) from the Technical University of Berlin and honorary doctor degrees from the Universities of Delft, Uppsala and Turin. He is a member of the Swiss Chemical Society as well as of the European Academy of Science and was elected honorary member of the Société Vaudoise de Sciences Naturelles.

