



Symposium 19/20 May 2011, DESY Hamburg

Organizers: DESY, DLR in cooperation with Egyptian Academy for Scientific Research and Technology ASRT and SESAME

<http://www.solar4science.de>

Venue: Auditorium, DESY Hamburg

Preliminary Programme Structure v7.2 – 11 April 2011

Timing per speaker: Opening 7'; Government 10'; Panel 15', Key note 20'

Wednesday, 18 May 2011

17:00 Registration opens (venue: DESY)

19:00 Public Podium discussion (in German) – in cooperation with University of Hamburg, DESERTEC foundation (location Ernst-Cassirer Hörsaal, University of Hamburg)

20:30 Welcome Reception venue: DESY

Thursday, 19 May 2011

(09:00 signing of DESY-SESAME MoU – in Seminar room)

09:30 Opening Remarks

Helmut Dosch, Director General DESY and Ulrich Wagner, DLR

Olaf Scholz, First Mayor of the Free and Hanseatic City of Hamburg (tbc)

Maged Al-Sherbiny, President of Egyptian Academy of Scientific Research and Technology and Khaled Toukan, Director General SESAME

10:00 Panel of Government Representatives

Chairperson: Klaus Töpfer, Executive Director IASS, Potsdam

Günther Oettinger, Commissioner for Energy, European Commission (video message)

NN, Ministry for Higher Education and Scientific Research, Egypt

Georg Schütte, Secretary of State, German Ministry for Education and Research

Gretchen Kalonji, Assistant Director-General for Natural Sciences UNESCO

Cédric Philibert, Senior Analyst, Renewable Energy Division, IEA

11:00 Coffee Break

11:30 Panel on Renewable Energy, Climate Change and Societal Challenges

Key questions: What is the role of renewable energy for climate change mitigation, for energy security, to remove energy poverty and for socio-economic growth?

Chairperson: Wolfgang Sandner, President of the German Physics Society DPG and Director of Max-Born-Institute Berlin

Mojib Latif, Research Director IFM-GEOMAR Kiel

Walter Kohn, University of California at Santa Barbara, Nobel Laureate 1998

Odeh Al-Jayyousi, Regional Director, International Union for Conservation of Nature, Jordan

Ottmar Edenhofer, Chief Economist, PIK Potsdam

Carlo Rubbia, Scientific Director IASS, former Director-General CERN, Nobel Laureate 1984

12:45 Lunch

(Press Conference in Seminar room)

14:00 Science, Sustainability and Global Responsibility

Key question: How can science and technology contribute more effectively to achieve the goals of a sustainable development in the world?

Chairperson: Gretchen Kalonji, UNESCO

Panelists:

Carlo Rizzuto, Chair ERF and Chairman Elettra, Sincrotrone Trieste

Hartmut Grassl, Former Director Max-Planck-Institute

Khaled Toukan, Director General SESAME

Herwig Schopper, Chair of Scientific Board of UNESCO International Basic Science Programme IBSP, former Director-General CERN, former President SESAME Council

Amin Mobarak, Cairo University

16:00 Coffee Break

16:30 Solar Energy Projects in Europe and MENA

Key question: What are the current and future solar energy technologies, innovations and trends, market and projects in Europe and MENA?

Chairperson: Jamila Matar, Energy Secretary, Arab League (tbc)

Keynote Speaker: Robert Pitz-Paal, Co-Director Solar Research,
German Aerospace Center DLR

Panelists:

Luis Crespo, Protermo Solar, Spain

Fabrizio Fabrizi, ENEA Italy

Costas Papanicolas, Cyprus Institute of Technology

Yehiam Prior, Weizmann Institute of Science, Israel

Hafid Aourag or Tahar Sahraoui, Algeria

Rabi Mohtar, Executive Director Qatar Environment and Energy Research Institute, Qatar Foundation

~18:30 End

18:45 Departure/Transfer to Restaurant

20:00 Banquet Dinner (Location: Schulauer Fährhaus, Wedel)

After-Dinner Speech: Ernst-Ulrich von Weizsäcker

~23:00 Back at hotels

Friday, 20 May 2011

09:00 Bridging Solar Energy from MENA to Europe

Key question: What policy and regulatory frameworks (EU policy, directives, national plans in EU and MENA, certificate/emission trading etc) are needed to promote the transfer of solar energy from MENA to Europe. What financial structures/instruments can mobilize investments? What grid infrastructure has to be in place?

Chairperson: Wolfgang Kaysser, Scientific Director, Helmholtz Zentrum Geesthacht (tbc)

Keynote Speaker: Claudia Kemfert, German Institute of Economic Research and Hertie School of Governance

Panelists:

Paul van Son, CEO DESERTEC Industrial Initiative Dii GmbH

Marc Strauss, Secretariat of the Union for the Mediterranean

Mohamed Mousa Omran, First Understate Secretary for Research, Planning and Authorities Follow-up, Ministry of Electricity and Energy, Egypt

Suhail Kiwan, Jordan University of Science and Technology

Ralf Christian, CEO Siemens Power Distribution Division (tbc)

10:45 Coffee Break

11:15 Solar Energy Projects around the world

Chairperson: Seethapathy Chander, Asian Development Bank

Chandra Govindarajalu, World Bank

Hiroshi Kaneko, Tokyo Institute of Technology

Zhifeng Wang, Chinese Academy of Science

NN, DoE USA

12:15 Academic/Educational Projects in MENA as anchor points for collaboration and for capacity building

Chairperson: NN

Panelists:

Mouldi Miled, Executive Director Desertec University Network

Markus Eck, DLR, Co-Coordinator enerMENA

Rudolf Schäfer, Founding Director Campus El Gouna/TU Berlin

13:00 Lunch

14:00 Scientific Projects in MENA as anchor points for collaboration and for capacity building

Key question: What scientific institutes/projects/ideas in MENA could serve as anchor points to engage into a science/energy partnership? What academic/educational initiatives/networks exist to promote renewable energies?

Chairperson: Herman Winick, Stanford University

Keynote: Maged Al-Sherbiny, President of Egyptian Academy of Scientific Research and Technology

Panelists:

Zehra Sayers, Sabanci University, Turkey – SESAME

Zahid Hussain, LBL Berkeley, Photon Science for Renewable Energy

Mostapha Bousmina, General Director Inanotech, Nanomaterials R&D in MENA (tbc)

15:15 Round Table Discussion: Contributions towards a joint Science/Energy Partnership

What can Europe contribute in terms of education, science and technology towards forging a European/MENA science/energy partnership? What are the specific demands/needs in MENA?

Round Table Moderator: Michael Harms, Director DAAD Office Cairo

Participants:

Robert Pitz-Paal, Co-Director Solar Research, German Aerospace Center
DLR

Eicke Weber, Director Fraunhofer Institute for Solar Energy Systems

NN, German Ministry for Education and Research

Rudolf Strohmeier, Deputy Director-General, DG Research, European
Commission

Sir Chris Llewellyn-Smith, President SESAME Council, former Director-
General of CERN and Chair of the ITER Council

Gerhard Knies, DESERTEC Foundation

Adnan Badran, President of Petra University, Jordan, former Deputy Director
General of UNESCO

16:15 Preliminary Conclusions – Helmut Dosch, DESY

16:30 End of Conference