

SUNDAY 28 FEBRUARY 2010

10h00 Registration

14h00 Departure for excursion: visit to Sesame

MONDAY 1ST MARCH 2010

08h30 Registration

09h30 **OPENING SESSION, WELCOME**

- Welcome by Robert Klapisch / Mousa Mohsen
- Address by H.E.Samir Al Rifai, Prime Minister of the Hashemite Kingdom of Jordan

10h15 Break

10h30 **ENERGY** (Robert Klapisch, Sharing Knowledge Foundation, Geneva)

- In Memoriam (Juan Antonio Rubio - 1944-2010)
- New Energies for the Future (Carlo Rubbia, Nobel Prize in Physics 1984, CERN, Geneva)
- The Jordanian Nuclear Option (Khaled Toukan, Jordan Atomic Energy Commission, Amman)
- Cost Factors of Nuclear Electricity (Jean-Jacques Gautrot, AREVA, Paris)
- The Moroccan project of Solar Energy (Mustapha Bakkoury, MASEN, Rabat)

13h00 Lunch

14h30 **ENERGY** (Dominique Gentile, CNAM, Paris)

- Electric cars: market opportunities, technical options (Pascal Colombani, Valeo, Paris)
- Can we recycle CO₂? (Alain Bucaille, AREVA, Paris)
- The Future of the Power Grid in Europe and the Mediterranean loop (Olivier Lavoine RTE, Paris)
- Is High Temperature Supra conductivity the future of Energy Transport? (Frank Schmidt, Nexans, Hannover)
- Smart Grids (Cécile George, CRE, Paris)

16h15 Break

16h30 **WATER** (Miriam Balaban, European Desalination Society, L'Aquila)

- Status of the Red-Dead project (N. World Bank)
- The water sector in Jordan and Jordan's expérience in Desalination (Bassam Saleh, Ministry of Water and Irrigation of Jordan, Amman)
- Future cooperation on water issues in the Jordan-Israel-Palestine region (Shimon Tal, Tal Content Ltd, Herzeliya)
- Main challenges to water supply and pollution of the aquifers in Palestine (Fadel Kawash, Palestinian Authority Ramallah)

19h00 End of Session

20h00 Welcome Cocktail and Dinner

TUESDAY 2ND MARCH 2010

09h00 **FOOD SECURITY, AGRICULTURE IN ARID ZONES** (Moncef Cheikh-Rouhou, HEC, Paris)

- ICARDA's strategy and contribution to food security in dry areas (Nasri Haddad, ICARDA, Amman)
- Improving productivity of the drylands (Uriel Safriel, Hebrew University, Jerusalem and Blaustein Institutes for Desert Research, Sede Boqer)
- Boosting agricultural productivity in Africa requires foreign investment. How can one reconcile this with the needs of the African population? Introducing the issues (Moncef Cheikh-Rouhou, HEC, Paris)

11h00 Break

11h30 ■ Reflections on climate (Alain Bucaille, Areva, Paris)

- General discussion

12h30 Lunch

14h00 **INTERNATIONAL PROPOSALS FOR HIGH LEVEL SCIENTIFIC EDUCATION**

- (Kamal Araj, Jordan Atomic Energy Commission, Amman)
- Human Resources Capacity building for the Jordanian Nuclear Programme (Kamal Araj, JAEC, Amman)
- A French proposal for capacity building in Nuclear Technology and Safety (Claude Guet, CEA, Paris)
- International Offer of Conservatoire National des Arts et Métiers (Dominique Gentile, CNAM, Paris)
- Round Table on regional needs: Morocco, Egypt, Kuwait
- The German University in Jordan (Labeeb Khadra, GJU, Amman)

16h00 Break

16h30 **INTERNATIONAL RESEARCH CENTERS** (John Ellis, CERN, Geneva)

- Status of the LHC program (John Ellis, CERN, Geneva)
- Superconductivity & cryogenics at the LHC & beyond (Lucio Rossi, CERN, Geneva)
- Moroccan PhD students at CERN (Patrick Fassnacht, CERN, Geneva)
- Status of the SESAME program (Chris Llewellyn-Smith, Oxford and SESAME Council)
- Round Table on LHC and SESAME (Abdeslam Hoummada, Wafaa Khater, Mukhles Sowwan, Ilham Al-Qaradawi, Eliezer Rabinovici, Abdenour Lounis)

19h00 End of Session

20h00 Conference Dinner

WEDNESDAY 3RD MARCH 2010

09h00 **FIGHTING THE DIGITAL DIVIDE** (Guy Wormser, IN2P3, Paris; Robert Klapisch, Geneva)

- Grid Computing in Europe and Neighbouring Countries (Vincent Breton, Institut des Grilles, CNRS, Paris)
- Round Table on Grid Computing (Federico Ruggieri, INFN, Bologna; Yousef Torman, JUNet, Amman; Bruce Becker, Meraka, Pretoria; Silvano de Gennaro, CERN, Geneva)
- SEACOM: Connecting East Africa to the World (Jean-Louis Parmentier, SEACOM Corp, Mauritius)
- FEAST, the "Africa Connect" feasibility study (Björn Pehrson, KTH, Stockholm)

11h00 Break

11h30 **HUMAN MOBILITY, ROLE OF DIASPORAS, FINANCIAL RESOURCES**

- (Jean-Patrick Connerade, Imperial College, London)
- Removing the obstacles to the necessary mobility of scientists (Jean-Patrick Connerade, Imperial College, London)
- Mobility of scientists, a necessary condition to develop a Knowledge Based Economy (Henry Marty-Gauquié, European Investment Bank, Paris)
- Impact of the adoption of the Lisbon Treaty on the Fellowships Program of the European Commission (Georges Bingen, European Commission, Brussels)

13h00 Lunch

14h30 **PREPARATION OF RECOMMENDATIONS**

16h00 Break

16h30 **GENERAL DISCUSSION AND RECOMMENDATIONS**

17h30 **CONCLUSIONS**

18h00 End of Conference



Dead Sea, Jordan, 1-3 March 2010

Under the Patronage of H.E. Samir Al Rifai, Prime Minister of the Hashemite Kingdom of Jordan

This conference is the 5th of the «Sharing Knowledge» series after Geneva 2004, Casablanca 2005, Trieste 2006 and Chania 2008.



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The two official languages of the Conference are French and English with simultaneous translation



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This conference is organised by the Sharing Knowledge Foundation: www.sharing-knowledge.org

President: **Robert Klapisch** robert.klapisch@netplus.ch

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Organised by the "Sharing Knowledge Foundation"
(Mövenpick Hotel by the Dead Sea (Jordan))



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