



SHARING KNOWLEDGE
FOUNDATION

SHARING KNOWLEDGE FOUNDATION CONFERENCE (11)

To Face a changing World

DEAD SEA, JORDAN, 13-16 MAY 2017
(Mövenpick Resort & Spa)

Under the Patronage of His Excellency The Prime Minister
of the Hashemite Kingdom of Jordan

SATURDAY 13TH MAY

- 09:00** Presentation of current scientific experiments at SESAME
Rolf-Dieter Heuer (President, German Physics Society, Former Director General of CERN)
- 10:00** Departure from the hotel to SESAME
- 11:30** VISIT OF SESAME
Visit of the Middle East's first major international research centre together with users from around the region.
The visit will be guided by Scientific Director Giorgio Paolucci and Technical Director Erhard Huttel and users of the SESAME facilities.
- 16:30** **OPENING SESSION**
Introducing the Sharing Knowledge Foundation
Robert Klapisch (President)
- 17:00** ADDRESS by HE Dr Hani Al-Mulki, The Prime Minister of the Hashemite Kingdom of Jordan
- 17:15** KEYNOTE ADDRESS by Khaled Toukan (Director of SESAME and Chairman of Jordan Atomic Energy Agency)
On the successful completion of SESAME and a new era for Science in the Middle East
- 17:45** KEYNOTE by Frederick Bordry (Director of Accelerators and Technology, CERN, Switzerland)
Does science bring peace? How does CERN contribute?
- 18:15** Welcome Cocktail

SUNDAY 14TH MAY

- 09:00** **SPECIAL KEYNOTE ADDRESS** by HRH Princess Sumaya Bint EL Hassan (President of the Royal Scientific Society and Chair of the World Science Forum 2017)
- 09:30** **SCIENCE FOR PEACE**
■ **Moderator John Ellis** (King's College London), Amr Abdelghany (National Research Center, Egypt), Ahmed Bassalat (An-Najah University, Palestine), Patrick Fassnacht (CERN, Switzerland), Randa Mansour (Philadelphia University, Jordan), François Piuze (Physique Sans Frontières, France)
- 10:45** Coffee Break
- 11:15** **INVESTING IN SUSTAINABLE DEVELOPMENT PROJECTS AND RESILIENT INFRASTRUCTURES IN JORDAN AND THE MENA**
■ **Moderator Henry Marty-Gauquié** (European Investment Bank, France), Philippe Delleur (ALSTOM, France), Scott E. Kalb (Sovereign Investor Institute, USA), Ulrike Steinhorst (Nuria Consultancy, France)
- 12:30** Lunch Break
- 14:00** **ENERGY DIVERSIFICATION, A KEY TO JORDAN'S DEVELOPMENT**
■ **Session chair Khaled Toukan** (JAEC and SESAME)
- 14:00** **FOSSIL FUELS IN THE MENA: CHANGING REGIONAL DYNAMICS**
■ **Moderator Bruno Weymuller** (TOTAL Professeurs Associés, France), Amani Al-Azzam (Ministry of Energy and Mineral Resources, Jordan)
- 14:45** **NEW PERSPECTIVES FOR NUCLEAR ENERGY IN JORDAN AND ABROAD**
■ **Moderator Bruno Lescoeur** (EDF, France)
- 15:00** **KEYNOTE** by Khaled Toukan (JAEC, Jordan)
On the development of nuclear power in Jordan
- 15:30** **KEYNOTE** by Alain Bugat (NucAdvisor, DCNS, France)
An immersed Small Modular Reactor : Seanergie project
- 16:00** **KEYNOTE** by Bruno Lescoeur (EDF, France)
Overview from a European electrician on the perspectives of the electro-nuclear market worldwide
- 16:30** Coffee Break
- 17:00** **TAPPING ON INFINITE RESSOURCES: INNOVATIVE RENEWABLE ENERGY PROJECTS IN JORDAN AND THE MENA**
■ **Moderator Abdeslam Houmada** (Académie Hassan II des Sciences et Techniques, Morocco), Rasmi Hamzeh (Jordan Renewable Energy Fund), Hanna Zaghoul (Kawar Energy, Jordan)
- 18:00** End of session
- 20:00** **CONFERENCE DINNER**
At the Grill Restaurant (Mövenpick Resort & Spa – for hotel guests only)

MONDAY 15TH MAY

09:00 **AGRICULTURE AND FOOD SECURITY**

■ **Session Chairs Jean-Christophe Debar** (Fondation FARM, France) and **Lionel Gbaguidi** (Agrivet Partners, Benin)

09:10 **FOOD SECURITY IN SUB-SAHARAN AFRICA**

Jean-Christophe Debar (Fondation FARM, France), Lionel Gbaguidi (Agrivet Partners, Benin)

09:40 **Coffee Break**

10:10 **DESERT AGRICULTURE, INNOVATIONS FROM THE NABATEANS TO TODAY**

■ **Moderator Uriel Safriel** (Hebrew University of Jerusalem), Pedro Berliner (Ben Gurion University), Mohammed Ali Mudabber (NCARE, Jordan), Theib Oweis (ICARDA, Jordan)

11:40 **KEYNOTE** by Martin Gastal (CERN, Switzerland)

How can high energy physics help the water shortage?

12:10 **Lunch Break**

13:40 **WHAT ANSWERS TO THE WATER CRISIS IN JORDAN AND THE MENA?**

■ **Session chair Miriam Balaban** (European Desalination Society, Italy)

13:45 **THE CHALLENGES OF THE WATER SECTOR IN JORDAN AND UPDATES FROM THE RED-DEAD PROJECT**

■ **Moderator Koussai Quteishat**, Maysoun Al-Zoubi (The Higher Population Council, Jordan), Patrick Bachelery (Suez – Samra, France-Jordan), Lara Nassar (WANA Institute, Jordan)

15:30 **Coffee Break**

16:00 **THE WATER CRISIS IN GAZA: BLUEPRINT FOR SOLUTIONS**

■ **Moderator Miriam Balaban** (European Desalination Society, Italy), Yousef S. Abu Mayla (Al Azhar University-Gaza, Palestine), Mohammed R. Ahmed (Palestinian Water Authority), Charlotte de Bruyne (Office of the Quartet, Jerusalem), Abdlerahman Tamimi (Palestinian Hydrology Group), Abraham Tenne (Israel Water Authority)

17:30 **SHARING KNOWLEDGE ABOUT WATER AND AGRICULTURE IN ARID LAND, REGIONAL COOPERATION AND TRAINING**

Zobida Ezery and Shira Kronich (Arava Institute for Environmental Studies, Israel), Munqeth Mehyar (EcoPeace Middle East, Jordan)

18:30 **End of session**

20:00 **GALA DINNER**

Sunset Arena (Mövenpick Resort & Spa)

TUESDAY 16TH MAY

09:00 What is the role of technology in meeting improving sanitation and SDG6?
Alison Parker (Cranfield Water Science Institute, UK)

09:40 Coffee Break

10:30 CAPACITY BUILDING IN MENA COUNTRIES

KEYNOTE by HE Dr Isam Zabalawi (President of the Australian College of Kuwait,
President of the Higher Education Reform Experts, Jordan)
Capacity Building in Higher Education in the MENA Region

11h45 End of session

12h00 Lunch Break

14:00 GENERAL DISCUSSION AND PREPARATION OF RECOMMENDATIONS

16:00 END OF THE CONFERENCE



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**SHARING KNOWLEDGE
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