

Thoughts for Food: Sustainable Agriculture and its Technological and Social Opportunities

9th October 2016, German Science Centre in Cairo (DWZ)
11 El Saleh Ayoub St., Zamalek

Time	Content
8:30	Registration
9:00	Words of Greetings Dr. Dorothea Rüländ <i>Secretary General, German Academic Exchange Service</i> Mr. Julius Georg Luy <i>Ambassador, Embassy of the Federal Republic of Germany</i> Mr. Reinhold Brender <i>Chargé d' Affaires, EU Delegation to the Arab Republic of Egypt</i> Prof. Dr. Abd El-Moneem El-Bana <i>President, Agricultural Research Center</i>
9:30	Keynote: “The Role of Policies for Food and Nutrition Security in MENA and Egypt” <i>Dr. Clemens Breisinger, Country Program Leader, International Food Policy Research Institute</i>
10:00	Keynote: “Innovations for Sustainable Agriculture in Arid Region” <i>Hany El Kateb, Member of the Presidential Advisory Council of Scientists and Experts, Egypt Senior Scientist at the Technische Universität München</i>
10:30	Coffee Break


In cooperation with



Funded by



Federal Foreign Office

11:00  Session 1: Meeting Tomorrow's Demands: Challenges in the Transition from Conventional to Sustainable Agriculture

Chair: Prof. Dr. Michael Frei

- Amr Bassiouny, Managing Director, Egyptian Hydrofarms
„From Rooftops to Robotics: Egyptian Hydrofarms and the Advancement of Hydroponic Technology in Egypt“
- Dr. Martin Buchholz, TU Berlin
“Greenhouse based desalination for sustainable agriculture in desert climate“
- Faris Farrag, Founder and Owner, Aquaponics
“Innovations towards Food Security and Water Conservation in Arid Lands“
- Helmy Abouleish, Chief Executive Officer, Sekem Group
“Sustainable Land Reclamation and Community Building in the Desert“

12:30 Lunch Break

1:30  Session 2: Innovations for Sustainable Agriculture

Chair: Prof. Kamil Naguib Mettias, Agriculture Research Center

- Prof. Dr. Ahmed Gaber, Cairo University
Chairman, Chemonics Egypt Consulting
„Anaerobic Digestion of Agricultural Waste. Review of Recent Technological Developments“
- Dr. Nabil Omar, Agriculture Research Center
“Improvement of Soil Fertility and Healthy Food by Plant Growth Promoting Rhizobacteria (PGPR) and Bioremediation“
- Dr. Magdi T. Abdelhamid, National Research Centre
„Improvement of drought and salt tolerance of wheat genotypes under field conditions by high throughput precision phenotyping“

3:00 Coffee Break

3:30  Session 3: How to Feed the World? Resource Efficiency by Biotechnological Applications

Chair: Prof. Dr. Eid Megeed, Agriculture Research Center

- Prof. Dr. Michael Frei, University of Bonn
„How Crop Biotechnology can help us to face the Challenges of Global Change“
- Dr. Taher Salaheldin, Agriculture Research Center
„Nanotechnological Approaches for Sustainable Agricultural Development“
- Prof. Dr. Amira Adel Taha AL-Hosary, Assiut University
„Vaccine and Vaccination in Farm Animals in Egypt“
- Dr. Ahmed Raouf Hamed, Agriculture Research Center
„Development and Application of Biological Control of Insect Pests in New Reclaimed Land“

5:00 End of Conference