



---

## 2. International Symposium-cum-Workshop

*Egyptian Agriculture in the Future:  
Challenge for Science, Economy  
and Society*

*Experiences of Egyptian Graduates  
from German Universities*

*St. Catherine - Sinai*

*20. - 25. October 2000*

*Programme*

*Cairo University*

## Friday, 20.10.2000

19.00 Welcome Dinner  
Wadi El Raha Hotel  
St. Catherine

## Saturday, 21.10.2000

09.00 Registration

10.00 Opening Ceremony  
Prof Dr Hala Aref, Cairo University,  
Egypt  
Paul Freiherr von Maltzahn, German  
Ambassador, Cairo  
Anke Stahl, DAAD Germany  
Prof Dr Gode Gravenhorst, University of  
Göttingen, Germany  
Prof Dr Beatrice Knerr, University of  
Kassel, Germany  
Yousef Afifi, Governor South Sinai  
Prof Dr Nagib El Helaly Gohar,  
President, Cairo University

11.30 Break  
Keynote Addresses

12.00 Prof Dr Beatrice Knerr, University of  
Kassel, Germany  
"Future of Agriculture in Egypt:  
A Challenge to the Scientific  
Community"

12.30 Prof Dr Gode Gravenhorst, University of  
Göttingen, Germany  
"Mineral Dust in the Atmosphere"

13.00 Prof Dr Farouk El Dosouki, FAO Middle  
East  
"Effect of Co-operation between FAO  
and other International Organizations  
on the Animal Health Program"

13.30 Prof Dr Saad Nassar, Director,  
Agricultural Research Centres Egypt  
"German-Egyptian Co-operation in  
Agricultural Research"

14.00 Lunch

15.30 Chris Weisbecker, GTZ Cairo, Egypt  
"Challenges for the Egyptian Agriculture  
- Views and Contributions of GTZ"

16.00 Dr Siawuch Amini / Dr Diethard Mai  
Seminar Programme Structure  
Subject Matters, Germany Egypt-Arab  
Region - Inter-Alumni Network GEAR

16.30 Break

Presentation of  
Working Groups

17.00 Animal Production (Group Scarabaeus):  
Prof Dr Ezzat Tawfik / Prof Dr Wolfgang  
Holtz

17.15 Plant Production (Group Lotus): Prof Dr  
Wolfgang Lücke / Prof Dr Salwa Bayomy

17.30 Socio Economics (Group Sphinx): Dr  
Diethard Mai / Prof Dr Yousri Khamis

17.45 University Staff Development (Group  
Papyrus): Dr Siawuch Amini / Prof Dr  
Jsmail Reda

18.00 Natural Resources / Environment (Group  
Hapi): Prof Dr Gode Gravenhorst / Prof  
Dr Fargal Abdel Hafiez Zeid

18.15 Veterinary Medicine (Group Hathor): Prof  
Dr Winfried Hofmann / Prof Dr Hala Aref

18.30 Soil Science (Group Kemet): Associate  
Prof Dr Fatma Saad El-Shafie / Prof Dr  
Samir Mashali

18.45 Formation of Working Groups  
Distribution of Questionnaires  
Dr Siawuch Amini

20.00 Dinner  
Plaza Hotel  
St. Catherine

## Sunday, 22.10.2000

### Group Scarabaeus (Animal Production)

Chair / Co-ordination: Prof Dr Ezzat Tawfik, University of Kassel / Prof Dr Wolfgang Holtz, University of Göttingen

09.00

Prof Dr Wolfgang Holtz, University of Göttingen  
"Bedeutung und Perspektiven des Embryotransfers bei Ziegen"

09.30

Moataz El-Gayar, M. El-Alamy and Prof Dr W. Holtz, University of Göttingen  
"Yield and Composition of Milk from Sinai Goats Maintained under Farming Conditions"

10.00

Prof Dr Ezzat Tawfik, University of Kassel  
"Possibilities to expand the Sheep Production by Cross Breeding"

10.30 Break

11.00

Prof Dr Kamal M. Abdel-Rahman, Menoufia University  
"Nutrition of Camels and other Ruminants: A Comparative Study"

11.30

Assoc Prof Dr Mostafa Abdel-Hakim El-Hararyri, Mansoura University  
"Use of Biotechnology in Milk Production"

12.00

Prof Dr Samier El Kashab, Menoufia University  
"Kamelverhalten"

12.30 Lunch

14.00 Working Groups

16.30 Break

17.00 Presentation of results

20.00 Steering Committee

## Sunday, 22.10.2000

### Group Lotus (Plant Production)

Chair / Co-ordination: Prof Dr Wolfgang Lücke, University of Göttingen / Prof Dr Salwa Bayomy, Dean, Faculty of Agriculture, Cairo University

09.00

Prof Dr Wolfgang Lücke, University of Göttingen  
"Use of Microwave and Radio-Frequency in Agriculture and Food Processing"

09.30

Prof Dr Abdel-Aziz Galal Abdel-Hafez, Tanta University  
"Getreide- und Speiseölproduktion: Auf dem Weg zur Selbstversorgung"

10.00

Prof Dr Abdel-Wahab M. Ali, Assiut University  
"Biological Control in the Wheat Ecosystem"

10.30 Break

11.00

Prof Dr Ahmed Aslan Gendy, Menoufia University  
"Gaseous Acid as a New Plant Growth Regulator in Agriculture"

11.30

Prof Dr Said Abdel-Ela, Cairo University  
"The Use of Entomoviruses in Pest Control"

12.00

Prof Dr Mohamed Mabrouk El-Afry, Tanta University  
"Response of Sweet Pepper to some Growth Regulators"

12.30 Lunch

14.00

Prof Dr Said H. Eissa, Tanta University  
"Biologische Landwirtschaft in Ägypten"

14.30

Prof Dr Osama Y. Shalaby, Cairo University  
"Synergetic Effect of Herbicide Formulation on Energy Component and Myokinase Activity of Albino Rats Organs"

15.00 Working Groups

16.30 Break

17.00 Presentation of Results

20.00 Steering Committee

## Sunday, 22.10.2000

### Group Sphinx (Socio Economics)

Chair / Co-ordination: Dr Diethard Mai, University of Göttingen / Prof Dr Yousri Khamis, Cairo University

09.00

Prof Dr Beatrice Knerr, University of Kassel  
"Globalization and Agricultural Development: A Challenge to Egypt"

09.30

Alber Hanna, University of Kassel  
"The Role of Agricultural Extension in Egypt's International Trade and Sustainable Development"

10.00

Christina Poppele-Braedt, University of Göttingen, in Co-operation with Pilot Programme Gender / GTZ  
"Zur Integration eines geschlechterdifferenzierenden, partizipativen Beratungsansatzes: Beispiele aus einem ländlichen Projekt"

10.30 Break

11.00

Prof Dr Yousri Khamis, Cairo University  
"Einige Gedanken über die deutsch-ägyptische Zusammenarbeit"

11.30

Myrtle Seepersad, University of Göttingen  
"Market Information Systems for Fresh Produce"

12.00

Samiera Amin Abdel-Halem, Minia University  
"Women and Research"

12.30 Lunch

14.00

Dr Margund Hantl, Government of Northrhine-Westphalia, Germany  
"Potentials of Rural Agricultural Development in Egypt"

14.30 Working Groups

16.30 Break

17.00 Presentation of Results

20.00 Steering Committee

## Sunday, 22.10.2000

### Group Papyrus (University Staff Development)

Chair / Co-ordination: Dr Siawuch Amini, University of Kassel / Prof Dr Jsmail Reda, Cairo University

09.00

Dr Siawuch Amini, University of Kassel  
"Graduates Employment and Work: A Challenge for University Staff"

09.30

Prof Dr Ahmed Zagawa, Menoufia University  
"Need Assessment for the Establishment of a Local University Staff Development Programme"

10.00

Associate Prof Dr Hany Yossef Hussan, Menoufia University  
"Evaluation of University Education"

10.30 Break

11.00

Dr Andreas Deininger, University of Kassel  
"Web-based Education: The Use of the Internet in Higher Education"

11.30

Prof Dr Salah Deeb, Cairo University  
"Science Projects - A Modular Approach"

12.00

Prof Dr Jsmail Reda, Cairo University  
"Basic Roles for Evaluation and Promotion of University Staff in Egypt"

12.30 Lunch

14.00

Prof Dr Mohamed Said Ali Safwat, Minia University  
"Establishment of a Training Center for Bio-Organic Farming Systems in Egypt"

14.30 Working Groups

16.30 Break

17.00 Presentation of Results

20.00 Steering Committee

Sunday, 22.10.2000

*Group Hapi (Natural Resources / Environment)*

Chair / Co-ordination: Prof Dr Gode Gravenhorst, University of Göttingen / Prof Dr Fargal Abdel Hafiez Zeid, Cairo University-Fayoum

09.00

Prof Dr Ahmed Hafez Massoud, Tanta University  
"Monitoring and Toxicological Effects of some Agrochemical Pollutants in Water"

09.30

Prof Dr Fargal Abdel Hafiez Zeid, Cairo University-Fayoum  
"The Importance of Water Sources for Egypt"

10.00

Prof Dr Ibrahim Mohamed Kenawy, Mansoura University  
"Preconcentration and Separation of Total Mercury in Environmental Samples"

10.30 Break

11.00

Prof Dr Jsmail Ibrahim, Mansoura University  
"Safe Agricultural Products in Egyptian Villages"

11.30

Prof Dr Mohamed El-Ansary, Tanta University  
"Waste Analysis of Strawberry Produced for Export"

12.00

Prof Dr Mohamed Mohye Eldin Saffan, Tanta University  
"Quality of Irrigation Water and Pollutants of the Northern Irrigation Canal"

12.30 Lunch

14.00

Prof Dr Mohamed Abd El-Gawad Zayed, Cairo University  
"Water and Air Pollution Control"

14.30

Prof Dr Abde-Fattah H. Selim, Menoufia University  
"Studies on the Effect of Lead on Carrot Plants"

15.00 Working Groups

16.30 Break

17.00 Presentation of Results

20.00 Steering Committee

Room, see special announcement!

Sunday, 22.10.2000

*Group Hathor (Veterinary Medicine)*

Chair / Co-ordination: Prof Dr Winfried Hofmann, FU Berlin / Prof Dr Martin Hasslinger, University of Munich / Prof Dr Hala Aref, Cairo University

09.00

Prof Dr Winfried Hofmann, FU Berlin  
"Vermeidung und Bekämpfung von Durchfallerkrankungen beim Kalb"

09.30

Prof Dr Ahmed Hamed Zaghoul, Menoufia University  
"Improvement of Fertility amongst Farm Animals in Egypt"

10.00

Prof Dr Mohamed Kamal Refai, Cairo University  
"Control of Brucellosis in Animals in the Middle East"

10.30 Break

11.00

Prof Dr Fawzy Ramadan Hassanein, Zagazig University  
"Aflatoxin"

11.30

Assoc Prof Dr Saeb N. El-Sukhon, Jordan University of Science and Technology  
"Identification of Klebsiellae Isolated from Milk and Milk Products in Jordan"

12.00

Prof Dr Martin Hasslinger, University of Munich  
"Vergleichende Betrachtungen zu aktuellen, parasitär bedingten Zoonosen"

12.30 Lunch

14.00

Prof Dr Mohamed Tayiser Samy, Zagazig University  
"Healing of Articular Cartilage Defects - An Experimental Study"

14.30

Dr Wahid El-Ghoul, Cairo University  
"A Comparative Study on some Claw and Blood Mineral Contents in Buffaloes and Cows"

16.00 Working Groups

16.30 Break

17.00 Presentation of Results

20.00 Steering Committee

Room, see special announcement!

## Sunday, 22.10.2000

### Group Kemet (Soil Science)

Chair / Co-ordination: Associate Prof Dr Fatma Saad El-Shafie, Menoufia University / Prof Dr Samir Mashali, Tanta University

09.00

Assoc Prof Dr Fatma Saad El-Shafie, Menoufia University

"Wheat Response to Nitrogen and Zinc Fertilization under Saline Condition in Calcareous Soil"

09.30

Prof Dr Samir Mashali, Tanta University

"Effect of Balanced Fertilization and Plowing Depth on Composition of Sugar Beet and some Chemical Properties in Salt Affected Soils"

10.00

Associate Prof Dr Sarwat Mokhtar Youssef, Tanta University

"Effect of Phosphorous, Nitrogen and Mycorrhiza on NPK Uptake of Wheat Plants in Salt Affected Soils"

10.30

Break

11.00

Prof Dr Tharwat El-Daktoury, Minia University

"Die Zukunft der Mykorrhizierung und Kompostierung in der Entwicklung der ägyptischen Landwirtschaft"

11.30

Associate Prof Dr Shaban Jbrahim, Tanta University

"Depth and Quality of Ground Water in North Delta Soils"

12.00 NN

12.30

Lunch

14.00

Working Groups

16.30

Break

17.00

Presentation of Results

20.00

Steering Committee

Room, see special announcement!

## Monday, 23.10.2000

### Presentation of Results

Chair:

Prof Dr Salwa Bayomy, Dean, Faculty of Agriculture, Cairo University

Prof Dr Hala Aref, Cairo University

Co-ordination:

Group Scarabaeus: Prof Dr Ezzat Tawfik / Prof Dr Wolfgang Holtz

Group Lotus: Prof Dr Wolfgang Lücke / Prof Dr Salwa Bayomy

Group Sphinx: Dr Diethard Mai / Prof Dr Yousri Khamis

Group Papyrus: Dr Siawuch Amini / Prof Dr Jsmail Reda

Group Hapi: Prof Dr Gode Cravenhorst / Prof Dr Fargal Abdel Hafiez Zeid

Group Hathor: Prof Dr Winfried Hofmann, Prof Dr Hala Aref

Group Kemet: Associate Prof Dr Fatma Saad El-Shafie / Prof Dr Samir Mashali

09.00 Group Scarabaeus

09.30 Group Lotus

10.00 Group Sphinx

10.30 Group Papyrus

11.00 Break

11.30 Group Hapi

12.00 Group Hathor

12.30 Group Kemet

13.00 Poster Session

13.30 Lunch

15.00

Anke Stahl, DAAD, Germany

"Die DAAD-Alumni-Arbeit: Förderung von Netzwerkbildungen in Ägypten und im arabischen Raum"

15.30

Formation of Networking Groups:

Development of the Germany - Egypt - Arab

Region - Inter - Alumni Network GEAR:

Results, Activities and Challenges

16.00 Break

16.30 - 18.00

Working Groups:

- Local office and Progress of Network (Aref, Mai, Seepersad)
- Local University Staff Development (Amini, Zagawa, Reda)
- Internet / Web-site / Homepage / Databank (Deiningers, Howe, Hatem)
- Publication / Newsletter / Proceedings (Hemann, Poppele-Braedt)
- Scientific Co-operation (Fargal, Knerr, Cravenhorst, Lücke, Holtz, Tawfik, Hofmann, Hasslinger, Khamis)

19.30

Cultural Event, Plaza Hotel

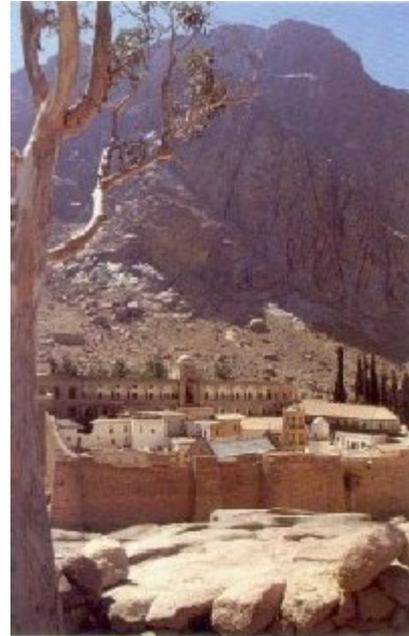
Plenary Session

Rooms, see special announcement

## Tuesday, 24.10.2000

- 08.30 Presentation of Results - Networking Groups
- 10.00 Break
- 10.30 Evaluation, Results and Recommendations  
Seminars and Workshops  
Alumni-Networks
- 12.00 Departure for Monastery St. Catherine  
Visit and Lunch
- 14.00 Departure for Sharm-El-Sheikh

## Monastery St. Catherine



## Wednesday, 25.10.2000

- 10.00 Visit of Ras Mohammad National Park
- 12.30 Departure for Dahab
- 14.00 Departure for Cairo via Taba  
End of Seminar

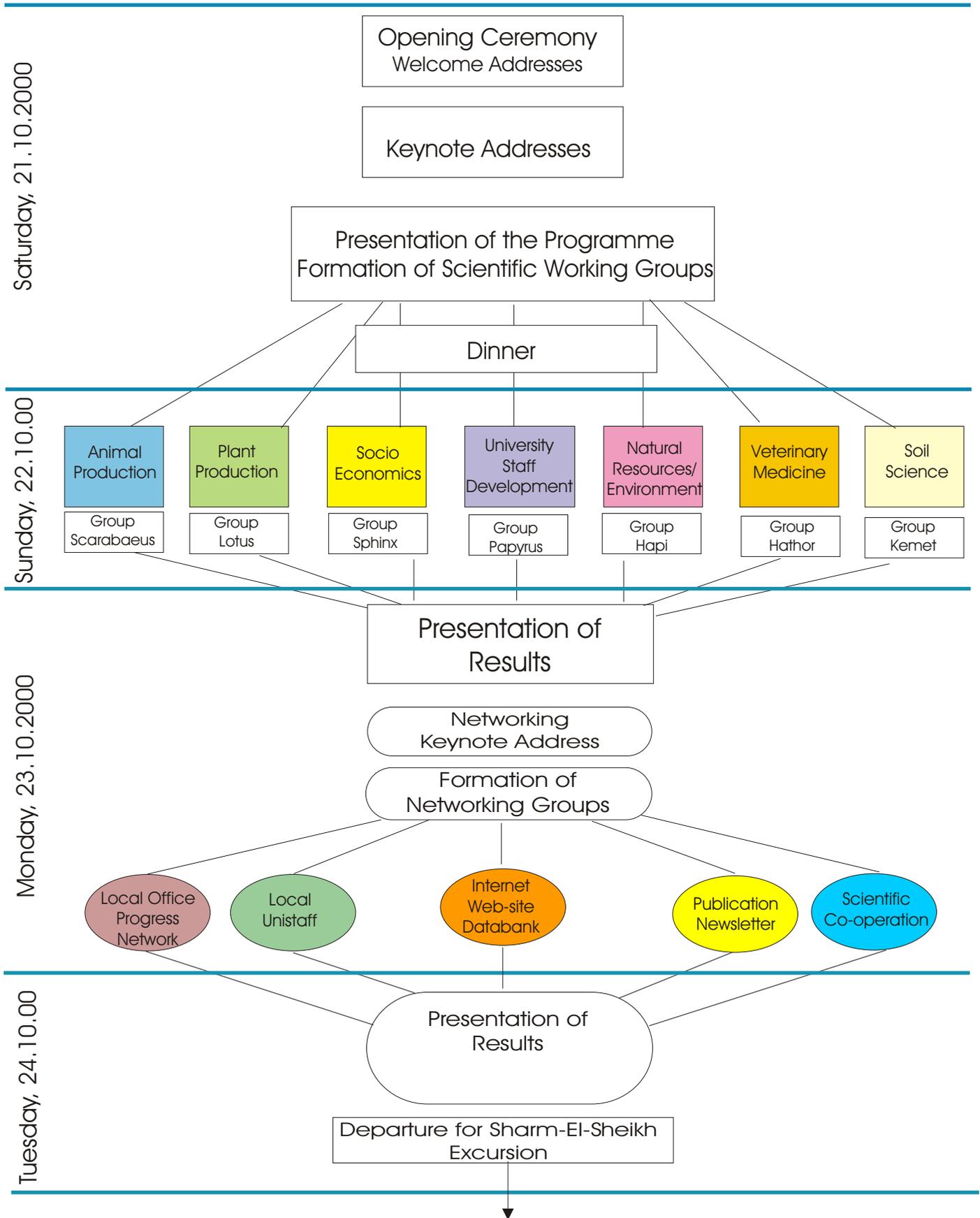


## Sharm-El-Sheikh



Organizing Committee:  
 Dr Siawuch Amini  
 Prof Dr Hala Aref  
 Dr Andreas Deininger  
 Prof Dr Fargal Abdel Hafiez Zeid  
 Hans Hemann  
 Ingrid Howe  
 Dr Diethard Mai  
 Mohammed Farid  
 Christina Poppele-Braedt  
 Myrtle Seepersad

International Symposium-cum-Workshop  
 Egyptian Agriculture in the Future:  
 Challenge for Science, Economy and Society  
 Experiences of Egyptian Graduates from German Universities  
 21th - 25th October 2000 in St. Catherine / Sinai  
 Programme Structure



The  
International Symposium-cum-Workshop  
is financially supported by DAAD (German  
Academic Exchange Service) under the  
Patronage of Prof Dr Nagib El Helaly  
Gohar, President, Cairo University