



GERMAN SCIENCE WEEK 2020

For Outstanding Doctoral and Postdoctoral Candidates

COSIMENA INVITES:

The German Science Week is intended to facilitate the exchange of Doctoral Candidates and Post-Doctoral Candidates from Egypt and the MENA-Region with representatives of various German universities as well as DAAD Alumni. This year's topics of the first digital "German Science Week 2020" allow you an insight on some of COSIMENA's cluster-themes impacted by COVID-19: such as Economy, Health and Urbanism.

By the DAAD Regional Office Cairo

And COSIMENA – Cluster of Scientific Innovation in the Middle East and North Africa



Our Mission:

Common global challenges, such as climate change, population growth or water scarcity, call for innovative scientific ideas and interdisciplinary and intersectoral solutions. Addressing those crucial issues, the DAAD Office Cairo successfully launched COSIMENA (Clusters of Scientific Innovation in the Middle East and North Africa) setting up various issue driven clusters in the fields of water, energy, health, agriculture, economy, urbanism and cultural heritage. The aim of the project is to intensify scientific collaboration and increase the visibility of networks between researchers and universities in Germany and countries of the Middle East and North Africa. To build on existing partnerships, COSIMENA is harnessing synergies between DAAD funded projects, alumni and partner institutions that can be expanded to the whole MENA region.

Agenda of the German Science Week 2020

Date	Day	Time	Slot
Sun, Sep 13 th	Day 1		
		12.00 -12.15	Welcoming Words
		12.15 – 12.20	Agenda
		12.20 – 12.50	The German Research Landscape, Ms. Ann-Kathrin Schwarz, DAAD
		12.50 – 13.00	Q & A
		13.00 – 13.45	The DAAD and its Funding Mechanisms (for PhD & Postdoc), Mr. Mohamed Fathy, DAAD
		13.45 – 14.00	Q & A
		14.00 – 14.25	Soft Skill-Module: "How to contact a supervisor/Professor?", Dr. Eng. Hassan Elmouelhi, TU-Berlin
		14.25 – 14.30	Q & A
		14.30 – 14.40	Wrap-up
Mon, Sep 14 th	Day 2		
		12.15 -12.20	Welcoming Words & Agenda
		12.20 – 12.35	Presentation of a German University/Institution: Alexander von Humboldt Foundation
		12.35 – 12.40	Q & A
		12.40 – 12.55	Presentation of a German University/Institution: TU-Berlin
		12.55– 13.00	Q & A
		13.00 – 13.25	Soft Skills-Module: "Critical Thinking"; Mr. Mohamed Taha
		13.25 – 13.30	Q & A
		13.30 – 13.50	Scientific Talks : "Economy & Employment", Prof. Axel Börsch-Supan (Chair of Economics of Aging); TU-München
		13.50 – 14.00	Q & A
		14.00 – 14.15	Alumni-Report: Dr. Mo'men Elsoudani

Tue, Sep 15 th Day 3		
12.00 – 12.10	Welcoming Words & Agenda	
12.10 – 12.25	Presentation of a German University/Institution: TU-München	
12.25 – 12.30	Q & A	
12.30 - 12.50	Scientific Talk(s): "COVID-19 and the City: Experiences from Germany & Egypt", Prof. Dr. Rudolf Schäfer and Dr.-Eng. Hassan Elmouelhi; TU-Berlin	
12.50 – 13.00	Q & A	
13.00 – 13.25	Soft Skills-Module: "Ethics in Science"; Dr. Tarek Tawfik	
13.25 – 13.30	Q & A	
13.30 – 13.45	Alumni-Report: Ms. Marwa Schuman	
Wed, Sep 16 th Day 4		
12.00 – 12.10	Welcoming Words & Agenda	
12.10 – 12.25	Presentation of a German University/Institution: Marburg University	
12.25 – 12.30	Q & A	
12.30 - 12.50	Scientific Talk(s): "Water Resource Management", Ms. Maria Vrachioli; TU-München	
12.50 – 13.00	Q & A	
13.00 – 13.25	Soft Skills-Module: Intercultural Training; Ms. Sonja Drewes	
13.25 – 13.30	Q & A	
13.30 – 13.45	Alumni-Report: Hassan Elmouelhi; TU-Berlin	
Thu, Sep 17 th Day 5		
12.00 – 12.05	Welcoming Words & Agenda	
12.05 – 12.20	Presentation of a German University/Institution: FU-Berlin	
12.20 – 12.25	Q & A	
12.25 – 12.35	Short Presentation of the Speakers	
12.35 – 13.35	Panel Discussion: "Your Guide to the Academic Career in Germany"	
13.35 – 13.50	Wrap-up & end of the conference	

Panel Discussion:

Your Guide to the Academic Career in Germany

The panel discussion introduces new representatives of all participating universities as well as a representative of the German Embassy in Egypt. The panel discussion questions deal with the German university demand, the career opportunities for Egyptian scholars in Germany, the common difficulties and challenges for Egyptian PhD and Postdoc researchers in Germany as well as tips and tricks stated by the presenters.



H. Philippe Maupai
(German Embassy Cairo)

holds the position as the Head of Science Department and Protocol at the Embassy of the Federal Republic of Germany in Cairo.



Johannes Moes
(Technische Universität Berlin)

joined the Technische Universität Berlin in 2017 as head of the TU-DOC Office for Doctoral and Postdoctoral Researchers, the central service and coordination office of doctoral and postdoctoral education at TU Berlin. A political scientist by training, he has worked as coordinator for international master programs at Humboldt-Universität zu Berlin 2012-16, and 2008-12 as a consultant for higher education institutions at Hochschul-Informationssystem, a public funded service institution in Hannover. Before, he worked as researcher and coordinator for graduate training at the social science research center in Berlin (WZB). He has contributed to the political debate on graduate education reform in Germany through writing (with others: a handbook for doctoral students in Germany) and research (e.g. the legal framework for researcher training for the first national report on junior scholars in 2008).

Zizheng Zhang, M.A.

(Technische Universität München)



joined the TUM Graduate School in 2012 and is the deputy managing director for international cooperation & alliances and public relations of the TUM Graduate School. Amongst others, she and her team are responsible for welcome services for international doctoral candidates, the management of international programs as well as strategic international relations and activities at the TUM Graduate School. Focusing on international relations in Southeast and East Asia, Zizheng received her master's degree in Political Science, Law and Intercultural Communications from the Ludwig-Maximilians-Universität (LMU) München and has working experience in the LMU Student Advisory Service and the Office of International Relations, Peking University.

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Dr. Moemen Hanafy

(Alexander von Humboldt Stiftung)



is a professor of plant biotechnology at National Research Centre (NRC), Egypt. As a DAAD fellow, he obtained his doctorate in Molecular Genetics from Hannover University, Germany in 2002 before moving to Sapporo, Japan, where he worked at National Agricultural Research Center for Hokkaido region on manipulation of the seeds amino acids using genetic engineering

approach as a JSPS fellow (2003 – 2005). From 2005 till 2008 he joined Plant Molecular Genetics Research Group - Centre of Excellence for Advanced Science of National Research Centre. Finally, he moved to Hannover, Germany, where he worked at Plant Biotechnology Department, Leibniz Universität Hannover on enhancement of abiotic stress tolerance of faba bean by heterologous expression of the PR10a gene from potato as an Alexander von Humboldt (AvH) fellow (2008 – 2010).

Due to his good scientific relation with the German scientific landscape he has been appointed as an Ambassador Scientist of the Alexander von Humboldt Foundation to Egypt from January 2016 to December 2021. On 2018, Prof. Hanafy has been elected the chairman of the Egyptian National Committee of Biological Sciences. Recently, he has been elected as a member of the executive committee of the International Union of Biological Sciences (IUBS).



Dr. Michael Groll

(Universität Marburg)

was a scientific staff member at the University of Marburg in the field of geography from 2006 to 2019 and was responsible for the preparation and carrying out of research projects and research cooperation in Water Resource Management and Capacity Building. He worked within the framework of the EU Project CALTER (Central Asian Long-term Ecological Research) and lead the WAZA CARE project (water quality and quantity analyses in the transboundary Zarafshon River basin - capacity building and research for sustainability). He was an active member in the LUCA Project (Land Use, Ecosystem Services and Human Welfare in Central Asia) from 2010 to 2014 within the framework of the Volkswagen Foundation in Gießen. He earned his doctorate in 2011 at the University of Marburg in the field of freshwater ecology. Since 2018 he is working at the International Office as Project Coordinator for various projects supporting international students and the international mobility of PhD students at the University of Marburg.



Florian Kohstall

(FU Berlin)

directs the program “Global Responsibility” at the Center for International Cooperation of Freie Universität Berlin. He is in charge of university cooperation with the Middle East and North Africa and coordinates several projects, among them Welcome@FUBerlin and Academics in Solidarity. Kohstall holds a PhD from Freie Universität Berlin and Institut d’Études Politiques d’Aix-en-Provence on Higher Education and Reform Policies in Egypt and Morocco. Prior to joining FU Berlin, he was a research fellow at the French research center CEDEJ. He has been teaching political science in Aix-en-Provence, Lyon and Cairo. From 2013 to 2018 Kohstall was an elected member of the Arab German Young Academy of Sciences and Humanities (AGYA).

The presenters of Universities and Institutions

A unique platform to meet and get in contact with representatives of various German universities and institutions including:

DAAD Regional Office Cairo (DAAD)

<https://www.daad.eg/en/>



Mohamed Fathy is working as a programme coordinator in the DAAD Cairo Office. He is the contact person for the German-Egyptian Progress Partnerships and responsible for the Study Visit and Study Seminar programmes as well as the study scholarships in the fields of architecture, fine arts, music and performing arts. Mr. Fathy is also in charge of the organisation of the DKA modules (DAAD Kairo Akademie).

In addition, he is part of the DAAD counselling team which provides information on study, scholarship, and research opportunities in Germany.



Ann-Kathrin Schwarz is responsible for higher education and research marketing in Egypt

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and Sudan and coordinates all marketing activities, public relations and the counselling team. Before she joined the team of the DAAD Regional Office Cairo in 2020, she worked as a German teacher and assistant lecturer in Germany and Egypt. She studied her BA and MA in cultural studies, linguistics and German as a foreign language at the University of Munich, Leipzig, Amman and Cairo.

Philipps-Universität Marburg

<https://www.uni-marburg.de/en>



Irene El-Khorazaty is the head of Philipps-Universität Marburg Liaison Office in Cairo since 2014.

She holds a degree in economics from the University of Munich in Germany and has extensive work experience in the field of higher education cooperation in Egypt since 1996.

From 2014 to 2017 she was Program Coordinator at the DAAD in Cairo, responsible for German students and academics visiting Egypt and for DAAD project funding in the field of higher education.

As the representative of Philipps-University of Marburg in Cairo, she supports highly qualified students and scientists from Egypt and MENA to continue their careers in Marburg, promotes academic exchange and advises on the development of cooperation activities between Egyptian universities and Marburg.

Technische Universität Berlin (TU-Berlin)

www.tu-berlin.de



Ingy Nafie has been the Head of the TU Berlin Liaison Office in Cairo since January 2020. She represents the university in Egypt and supports the activities of the TU Berlin in the fields of science, research and marketing. She also works on the establishment and expansion of Egyptian strategic partnerships and advises Egyptian potential students and researchers on questions regarding studying at the TU Berlin. Ms. Nafie represents the TU

Berlin at events and fairs and supports the TU Berlin campus El Gouna in planning and implementation of marketing events in Cairo. After attending the German School in Alexandria, Ms. Nafie completed bachelor's degree in Germany, majoring in business administration - marketing. During her studies, she worked at the International Office at Hof University for five years. Before joining TU Berlin, she was the marketing coordinator at the German Academic Exchange Service (DAAD) Regional Office in Cairo for almost 2 years and previously, Ms. Nafie led the Customer Experience Teams at the German Account at Vodafone International Services Egypt in Alexandria for over a year.

Freie Universität Berlin (FU-Berlin)

www.fu-berlin.de



Hoda El Mahgoub has joined the Freie Universität Berlin since January 2018. As head of their Cairo Liaison Office, her duties include to promote study and research programmes at the university as well as to recruit top-class junior researchers. Furthermore, her tasks include establishing and supporting collaborations and keeping

track of scientific developments in the region. While assisting researchers from Freie Universität Berlin in Egypt, she also is responsible for strengthening the international alumni network in Egypt. Before joining Freie Universität Berlin, Hoda El Mahgoub worked as Deputy Head of the EU Projects and Event Management Department at the German-Arab Chamber of Industry and Commerce in Cairo. Hoda El Mahgoub was born in Germany, raised in Egypt, is a graduate of the German School in Cairo and studied Pharmacy at the Cairo University.

Technische Universität München (TUM)

www.tum.de



Agnieszka Słota, M.A.

After graduating in geography, American and French Studies from Humboldt University of Berlin, Agnieszka has worked in various positions in the field of public and private higher education, including support to international students as well as administrative management of a Master's Program. She moved to Munich to pursue

her passion for mountain hikes and has now been with the Technical University of Munich for over a year. In her position at the Welcome Office of TUM Graduate School Agnieszka supports doctoral candidates from Germany and abroad interested in or currently pursuing their doctorate at TUM.



Neele Meyer

Neele is working at TUM ForTe – the Office for Research and Innovation, which is the first point of contact and the central coordinating body for any form of cooperation between the business and research sectors, research funding support and technology transfer at TUM. Her main focus is on National Research Funding Support and the TUM Talent

Factory. The Talent Factory's services are directed at talented

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young TUM scientists and international post-doctoral fellows who want to conduct research at TUM. Here, they can get support regarding finding and applying for the suitable funding, get feedback on research proposals and attend workshops and events particularly for young scientists.

Alexander von Humboldt Stiftung (AvH)

<https://www.humboldt-foundation.de/>



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Scientific Talks while COVID-19

Our scientific talks deal with global challenges as the current challenges due to the COVID-19 virus.

“Economy & Employment”

Technische Universität München Presenter: Prof. Dr. h.c. Axel Börsch-Supan



Prof. Dr. Axel Börsch-Supan studied mathematics and economics in Munich and Bonn. He did his doctor's degree in economics at the M.I.T. in Cambridge (USA) in 1984. He used to be an assistant professor at the J.F. Kennedy School of Government at the Harvard University. Mr. Börsch-Supan had professorships in Dortmund and Mannheim and is the current director of the Max-Planck-Institute. Since 2013, Mr. Börsch-Supan has a professorship at the TU Munich, “Economics of Aging”. Börsch-Supan is a member of the Berlin-Brandenburg Academy of Sciences, the Deutsche Gesellschaft Akademie Leopoldina and the Austrian Academy of Sciences and the state survey on health, old age and retirement in Europe (SHARE). He is a member of the scientific advisory board at the Federal Ministry of Economics and Technology 2004-2008 and advises the EU Commission, OECD, WHO, World Bank and other international relations on questions of development aging.

“COVID-19 and the City: Experiences from Germany & Egypt”

TU Berlin Presenters: Prof. Dr. Rudolf Schäfer, Dr.-Ing. Hassan Elmouelhi



Prof. Dr. Rudolf Schäfer has more than 150 publications in the fields of planning and building law and administration, urban renewal and urban development. He conducted numerous research projects in cooperation with the German Federal Ministry of Building and Housing and various respective ministries of German states like Bavaria, Brandenburg, Lower Saxony etc. He is active member of German Academy of Urban Design and Spatial Planning, German Academy of Spatial Research and Planning, European Academy of Science and Arts etc. Presently he is the 'Study Dean' of the Urban Development department of TU Berlin Campus El Gouna. Before he had the position of the “Founding Director” for this campus from 2010-2012. In the MENA region, he was the Project Director of a Megacities Project in Iran and co-founded and led WANACU and MENASHDA networks of TU Berlin.



Dr.-Ing. Hassan Elmouelhi is an architect and urban planner by training and works as a senior researcher and lecturer at Berlin Technical University, Urban development department-Campus El Gouna, and the habitat unit, international urbanism and design. His academic interests within international urbanism include, culture and urban informality in relation to aspects of urban development and governance in the global south, with focus on Arab region. In partnership with several universities, and international cooperation organizations, he coordinates and acts as a principle investigator for several projects in different interdisciplinary topics, mainly informal urbanism, urban management, urban mobility, new settlements, in addition to the localizing of SDGs. His PhD from TU Berlin, entitled: "Culture and informal urban development: Cairo's informal settlements". He participated as an expert and consultant in activities related to the global south urbanism, including Egypt, Tunisia, Tanzania, Lebanon, Iraq, Jordan, Palestine and India.

"Water Resource Management"

TU-München Presenter: Maria Vracholi



Maria Vracholi is a Senior researcher at the Chair Group of Production and Resource Economics at TUM since 2018. I have received my PhD from the Department of Food and Resource Economics at University of Florida in 2018 and I am trained as an applied economist focusing on issues at the intersection of water resources and microeconomic theory. My interdisciplinary research contributes toward efficiency- and productivity-enhancing policies by estimating the magnitude of gains from the more effective use of water in agriculture, using integrated hydrological and economic models. I have an extensive training and research background in applied water economics and policy and I coordinate a PRIMA H2020 project and have participated in several national, European and international research projects.

Alumni Field Reports: Get an insight by Experts

Being an Alumnus by the DAAD comes with an enrichment of various experiences and knowledge.

Dr. Mo'men El-Soudany is a project coordinator of two



funds from DAAD projects. He is the principal investigator of two ongoing Egyptian-German academic cooperation projects for developing Centers of Excellence COE in the Egyptian Universities located in the Nile-Delta. 1st project titled 'Delta-TU Partnership'. 2nd project titled 'Understanding the German-Egyptian

Cities by Machine Intelligence' a cooperation between Technical University Berlin TUB, HafenCity University HCU, University College London UCL, and three Egyptian Universities in the Nile-Delta. Dr. elSoudani is a professional architect and planner, with work experience in the biggest and prestigious architecture companies in Germany such as gmp Architects International (Architekten von Gerkan, Marg and Partner), and Eike-Becker Architects, Berlin. He has work experience in more than 15 international architecture and infrastructure projects in Germany (Berlin, Hamburg, Frankfurt), Egypt (New Administrative Capital), Iran (Tehran) and India.



Marwa Schumann visited obtained her Abitur at the "Deutsche Schule der Borromäerinnen Alexandria (DSBA)" in Alexandria in 2002. In the

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following years she undertook her bachelor degree in medicine at the Alexandria University which she completed in 2008. Marwa Schumann was a scholarship holder of the DAAD in 2013 and did her research project "Evaluation of integrated Medizincurricula" at the Universitätsmedizin Mannheim (UMM)/ University of Heidelberg under the supervision of Prof. Manfred Singer.



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Soft Skill Sessions:

How to contact a supervisor/Professor?

The session introduces the process of planning to start a Phd in Germany, through which different types and possibilities in the German system will be introduced. Based on the instructors experience and collected observations, advices will be presented regarding how to approach a potential supervisor/professor in order to initiate an optimum and attractive communication.

Instructor: Dr.-Ing. Hassan Elmouelhi



Dr.-Ing. Hassan Elmouelhi is an architect and urban planner by training and works as a senior researcher and lecturer at Berlin Technical University, Urban development department-Campus El Gouna, and the habitat unit, international urbanism and design. His academic interests within international urbanism include, culture and urban informality in relation to aspects of urban development and governance in the global south, with focus on Arab region. In partnership with several universities, and international cooperation organizations, he coordinates and acts as a principle investigator for several projects in different interdisciplinary topics, mainly informal urbanism, urban management, urban mobility, new settlements, in addition to the localizing of SDGs. His PhD from

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Scientific Thinking

The session introduces and applies the basic skills of analyzing information. Attention is given especially to scientific thinking skills, problem solving, observation, analysis, making inferences, interpretation, and argumentation in reading, oral and written expression.

Instructor: Mr. Mohamed Taha



Mohamed Taha Abdelhady has been working in the field of capacity building for more than 20 years. He is an international trainer who delivers different academic and business-related training modules in DHBW in Germany, DAAD Cairo, TU-Berlin El Gouna, GUC , and AUC.

He has been conducting TNA to many firms through different affiliations and business partners in several fields. He develops material and he tailors courses and business educational programs in different sectors of industry among which are telecommunication, Banking, FMG.

Among his business partners are GIZ, DAAD, NCCM, OUDA, USAID, and he was a capacity building advisor for different

Egyptian ministries. In addition to this, he holds a Master degree in adult education from the AUC and a number of trainer certificate and diplomas from the AUC. He is guest speaker in many conferences in Turkey, Czech Republic, Austria, Germany, and the USA on business communication and interpersonal communication.

Ethics in Science

The aim of this Module is the definition of intentional and non-intentional scientific misconduct, establishing proceedings on its discovery and presenting suitable measures to prevent such misconduct showing the responsibility of both institutions and scholars in this process.

Instructor: Dr. Tarek Tawfik



Dr. Tarek Tawfik is Director-General of the Grand Egyptian Museum Project since 2014. He works as an associate professor at the Faculty of Archaeology Cairo University Department of Egyptology and got elected Vice President of the International Association of Egyptologists in November 2019. Further, he is a Member of the International Council of Museums (ICOM) and a Member of the

German Archaeological Institute since December 2015.

Intercultural Competence

This mini module will introduce you to the meaning, importance and elements of intercultural competence. It aims to raise the awareness of your own and for other cultures and invites you to reflect your ability to act interculturally competent.

Instructor: Sonja Drewes



Sonja Drewes holds a Diploma in Arabic Language and International Management. Beside her longstanding working experience in different industries and management positions she was trained as Business Coach, NLP Master Practitioner and Occupational Test User (Personality & Ability) in Munich, Dubai and Cambridge.

Sonja has been living and working for more than 19 years in Dubai, Egypt and Tunisia and consequently developed a deep intercultural sensitivity. Since 10 years, she's been conceptualizing and facilitating Interpersonal Skills and Development Trainings.