

About AGYA

The Arab-German Young Academy of Sciences and Humanities (AGYA) is based at the Berlin-Brandenburg Academy of Sciences and Humanities (BBAW) and at the Academy of Scientific Research and Technology (ASRT) in Egypt. It was established in 2013 as the first bilateral young academy worldwide. AGYA promotes research cooperation among outstanding early-career scholars (3–10 year after PhD) from all disciplines who are affiliated with a research institution in Germany or any of the 22 Arab countries.

The academy supports innovative projects of its members in various fields of research as well as in science policy and education. More than 60 members – Arab and German scholars in equal numbers – realise joint research projects and collaborative initiatives on topics such as Arab and German Education; Common Heritage and Common Challenges; Energy, Water and Environment; Health and Society; Dynamics of Transformation; and Innovation. AGYA is a dynamic think tank which provides fresh and pioneering Arab–German perspectives and strengthens new forms of resilient North–South–South cooperation.

Contact

The Arab-German Young Academy of Sciences and Humanities (AGYA) at the Berlin-Brandenburg Academy of Sciences and Humanities (BBAW)

Prof. Dr. Verena Lepper, Principal Investigator (PI) Dr. Sabine Dorpmüller, Managing Director Jägerstr. 22–23, 10117 Berlin, Germany +49 30 20 370–281

agya@bbaw.de

The Arab-German Young Academy of Sciences and Humanities (AGYA) at the Academy of Scientific Research & Technology (ASRT)

Dr. Amr Radwan, Head of Office 101 Qasr Al-Aini Street, 11516 Cairo, Egypt +201 225643-263

agya@asrt.sci.eg



Sara Abdel Gaber
Pharmacology & Nanomedicine
Quantum materials;
Magnetism and superconductivity
Kafrelsheikh University
Egypt

Sara_mohamed@nano.kfs.edu.eg



Mahmoud Abdel-Hafiez
Physics & Materials Science
Nanosystems synthesis and characterization
for biomedical applications; Nanosystems in
vitro and in vivo pharmacological and toxicological assessment
Uppsala University
Sweden



Tilal Sayed Abdelhalim
Plant Breeding & Physiology
Sorghum breeding and physiology; Root parasitic plants; Rhizosphere signaling (plant-microbe interaction)
Biotechnology and Biosafety Research Center

m.abdel.hafiez@physik.uni-frankfurt.de

⊠ tilalkosti@yahoo.com





Majid Al-Busafi
Sport Sciences
Sport sciences; Physical education
Sultan Qaboos University
Oman

Majidb@squ.edu.com





Amro Ali
Sociology & Philosophy
Political sociology and philosophy; Public spheres; Social movements; Spaces of exile (Europe); Egypt, the Arab world, and the Mediterranean Basin
American University in Cairo
Egypt

amro@amroali.com



Mohammad Al-Saidi
Public Policy
Environmental policy;
Water governance; Water-Energy-Food Nexus
Qatar University
Qatar

Malsaidi@qu.edu.qa





Shadi Albarqouni
Computer Sciences
Medical imaging with deep learning; Computer vision; Uncertainty quantification; Low-data regime; Machine learning; Active learning; Federated learning
University of Bonn and Helmholtz Al Germany
Shadi.albarqouni@ukbonn.de





Mohamed Saiel Saeed Alhamdani
Molecular Biology
Cancer research; Proteomics; Affinity proteomics; Tumour microenvironment
Deutsches Krebsforschungszentrum
Germany

⋈ m.alhamdani@dkfz.de



Shahd Alshammari
English Literature
Illness narrative; Disabilty studies; Literary
theory, Arab women's writing
Gulf University for Science and Technology
Kuwait

Alshammari.s@gust.edu.kw





Mohammad Alwahaib
Philosophy
Political theory; Arab modern political
thought; Arabic and Islamic studies; Modern
ideologies, Regional democratic transformation; Youth oppositional movements; Religious
extremism

Kuwait University, Kuwait

mohammad.alwahaib@ku.edu.kw



Linda Ammann
Linguistics & African Studies
Language contact; Areal linguistics; Language in connection with transfer of cultural knowledge & identity; Phonology of "Khoisan" languages
Humboldt-Universität zu Berlin

⊠ linda.ammann@hu-berlin.de



Sonja Buxbaum-Conradi
Economic Geography &
Mechanical Engineering
Global production networks; Knowledge
processes in distributed value creation
networks; Open production and open-source
hardware communities
Helmut Schmidt University Hamburg
Germany

buxbaum-conradi@hsu-hh.de



Ahmad Amro
Epidemiology, Pharmacy &
Molecular Biology
Pharmacy; Epidemiology; Molecular microbiology; Tropical diseases; Antimicrobial activity;
Molecular diagnosis; Genetic diversity; Population genetics
Al-Quds University, Palestine

Almad.amro@staff.alquds.edu



Sarah Carol
Sociology
Integration of ethno-religious minorities in Western Europe and the role of religion; Discrimination; Health and well-being
WZB Berlin Social Science Centre
Germany

Sarah.carol@wzb.eu



Nadia Bahra
Archaeology
Archaeological science; North African prehistory; Identity and heritage; Scientific terminology in Arabic
University of Constantine 2
Algeria

☑ nadia.bahra@univ-constantine2.dz



Rami Chahin
Musicology
Musicology; Electronic music; Composition
University of Oldenburg
Germany

Image: Im



Philipp Blechinger
Energy Engineering
Renewable energy; Energy system transformation; Island energy systems; Rural electrification; Off-grid energy solutions
Reiner Lemoine Institut
Germany

philipp.blechinger@rl-institut.de



Shimaa Eissa
Biosensors & Bionanotechnology
Biosensoring; Bionanotechnology;
Electroanalytical chemistry
Khalifa University
UAE
Shimaa.eissa@ku.ac.ae



Claudia Böhme
Social & Cultural Anthropology
Africa/East Africa; Media anthropology;
Transnational migration and social media;
Popular culture/film; Educational ecosystems;
MINT education for youth
Leibniz Institute for Educational Media/Georg
Eckert Institute (GEI) Braunschweig,
Germany

Claudia.boehme@gei.de



Nada El Darra
Food Chemistry
Food safety & technology; Valorization of byproducts; Mycotoxins screening; Chemical and
biological contaminants; Decontamination;
Industrial process engineering
Beirut Arab University
Lebanon

inaldarra@bau.edu.lb



Lahcen El Youssfi
Agro-Environmental Studies
Irrigation management; Integrated water
resources management in agriculture; Climate
change; Horticulture; Agronomy; Horticultural
production; Organic farming and certification;
Social entrepreneurship; Training programs
development and evaluation
Ibn Tofail University, Morocco

I lahcen.elyoussfi@uit.ac.ma



Luise Fischer
Human & Historical Geography,
Education & Sustainability
Human & Historical Geography; Knowledge
transfer and the role of knowledge in societies;
Sustainability
University of Leipzig
Germany

Luise.fischer@uni-leipzig.de



Walid Elgaher
Pharmacy
Medicinal chemistry; Computational chemistry; Supramolecular chemistry; Natural products; Antitumor, anti-inflammatory, and anti-infectives

Helmholtz Institute for Pharmaceutical Research Germany

walid.Mohammad@helmholtz-hips.de



Sascha Hein
Education & Psychology
Special education; Early childhood education;
Teacher education and training; Humanitarian
and fragile contexts; Adolescent development
Freie Universität Berlin
Germany

Sascha.Hein@fu-berlin.de



Ali Elgayar
Engineering
Electrical power; Transmission lines,
grounding, and lightning protection;
Renewable and sustainable energy
University of Benghazi
Libya

ali.elgayar@uob.edu.ly



Barbara Henning
History
Turkish & Ottoman history; Ottoman-Kurdish
history; Memory studies; Conceptual history;
Cultural translation; History of knowledge
Johannes Gutenberg-University Mainz
Germany

bahennin@uni-mainz.de



Amro Babiker Hassan Eltayeb
Environmental Studies
Postharvest pest control; Food safety; Food
waste management
King Saud University
Saudi Arabia

Alhassan2ks@ksu.edu.sa





Dörthe Engelcke
Law & Middle East Studies
Middle Eastern law and politics; Family law;
Islamic law; Legal pluralism; Comparative law;
Qualitative research methods; Quantitative
survey design
Max Planck Institute for Comparative and
International Private Law, Germany

ignormal Max Planck @mpipriv.de



Political Science, Sociology &
Psychology
Public opinion; Religion and politics;
Extremism; Integration; Middle East politics
German Center for Integration and Migration
Research
Germany

⋈ isani@dezim-institut.dem

Mujtaba Ali Isani



Middle East Studies & Arabic Literature
Modern Arabic literature and culture; Gender and postcolonial studies; Emotion and affect theory; Literary anthropology; Critical philology; Arabic as scientific foreign language Philipps-Universität Marburg Germany

Christian.junge@staff.uni-marburg.de

Christian Junge



Peter Konerding
Arabic Studies
Teaching Arabic as a Foreign and Heritage
Language (TAFL/TAHL); Modern and
contemporary Arabic literature; Language
practices in the Maghreb
University of Münster
Germany

peter.konerding@uni-muenster.de

Franziska Lissel

Hana Maalej





Polymer and Organic Chemistry & Material Sciences
Sustainable electronics; Synthesis of electronically active materials; Polymer and organic electronics; Molecular electronics and machines
Hamburg University of Technology & Leibniz Institute of Polymer Research

Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of Polymer Research
Important of





Biotechnology, Biochemistry & Pharmacology
Enzymes; Biopolymers; Proteins;
Nanobiotechnologies; Microbial
exopolysaccharides; Marine polysaccharides;
Modification processes; Biological activities
University of Sfax
Tunisia

| hannou25@yahoo.fr



Konstantin Klein
History
Greek and Roman history; History of the
Levant from Hellenistic to Abbasid times;
Epigraphy; Empire of Palmyra; Religious
history of pre-Islamic Arabia
University of Amsterdam
The Netherlands

k.m.klein@uva.nl



Lilia Makhloufi
Architecture
Architecture; Urban planning; Territory planning; Housing; Urban spaces; Cities; Sustainability
Ecole Polytechnique d'Architecture et d'Urbanisme
Algeria



Kristin Kliemt
Physics
Single crystal growth; Material
characterization; Electrical transport and
thermodynamical measurements
Goethe Universität Frankfurt
Germany
kliemt@physik.uni-frankfurt.de



Stefan Maneval
Arabic & Islamic Studies
Urban Studies; Architecture; Art; Material
Culture; Theology of Religions; Gender
Studies; Middle East and Islamic
Studies with a regional focus on the Levant
and the Arabian Peninsula
Freie Universität Berlin
Germany

Stefan.maneval@fu-berlin.de



Anne-Marie McManus
Comparative Literature
Literary theory; Arabic and francophone
literatures; Literary ethnography; World
literature; Ecocriticism
Forum Transregionale Studien
Germany
Mcman@trafo-berlin.de



Hiba N. Rajha
Process Engineering & Biochemistry
Agrofood waste reuse; Biomolecule extraction,
Purification and nano-encapsulation;
Biomolecules applications in cosmetics,
pharmaceutics, and food; Innovation
matchmaking and technology transfer from
laboratory to industry
Saint Joseph University of Beirut
Lebanon

representations of the process of th



Olfa Messaoud
Human Genetics
Human genetics for rare and ultra-rare
diseases; Development of molecular tests for
genetic diagnosis; Next generation sequencing
for undiagnosed phenotypes
University Tunis El Manar,
Institut Pasteur de Tunis
Tunisia

Important de Tunis
Tunisia



Arabic Literature & Comparative Poetics
Arabic poetics; Islamic literature; Visual poetics; World literature; Translation studies; Postcolonial studies; Feminist literary theory United Arab Emirates University United Arab Emirates

hrashwan@uaeu.ac.ae

Hany Rashwan



Lena-Maria Möller
Law & Middle East Studies
Islamic law; Muslim family law; Comparative
law; Private international law; Law and popular
culture in the Middle East
Max Planck Institute for Comparative and
International Private Law, Germany

moeller@mpipriv.de



Amr Rizk
Engineering & Computer Sciences
Communication nvetworks; Distributed
systems
University of Duisburg-Essen
Germany
Amr.rizk@uni-due.de





Lilia Romdhane
Bioinformatics & Genetics
Bioinformatics; Human genetics; Rare genetic
diseases; High-throughput genotyping array;
Next-generation sequencing; Genomics;
Population genetics
Insitute Pasteur de Tunis
Tunisia

Lilia.romdhane@pasteur.utm.tn



Hanna Pfeifer
Political Science, International Relations
& Peace and Conflict Studies
State and non-state violence in the MENA region;
Challenges and transformation of the (liberal) world order; Foreign and security policy
Goethe University Frankfurt and Peace Research Institute Frankfurt
Germany

| pfeifer@prif.org





Nahed Samour
Law & Islamic Studies
Islamic law; Constitutional law; International
law; Law and history; Legal sociology
Radboud University
The Netherlands

⋈ nahed.samour@ru.nl



Mohamed Vall Moulaye Abdella
Mathematical Physics
N=2 supersymmetric theory; Use of geometric
and algebraic tools
Université de Nouakchott
Mauritania
Mym.abdella@una.mr



Eleanor Scerri
Archaeology
Archaeological science; Human evolution;
Climate Change; Modelling; Biogeography
Max Planck Institute for the Science of Human
History
Germany
Scerri@shh.mpq.de



Irene Weipert-Fenner
Political Science
Comparative politics of the MENA; Authoritarian regimes; Political transformation;
Democratization; Political institutions; Social movements; Contentious politics
Peace Research Institute Frankfurt
Germany

weipert@prif.org



Ahmed Siddig
Environmental Conservation
Global change ecology; Forest ecology & conservation; Environmental monitoring & indicators; Biodiversity conservation
University of Khartoum
Sudan

Ahmed_nyala@yahoo.com



Florian Zemmin
Islamic Studies & Middle East Studies
Religion and society in Islamic and Arab modernity; Islamic Reformism; Sociology in Arab countries; Near Eastern Conceptual History;
Theories of modernity and secularity
Freie Universität Berlin
Germany

Morian.zemmin@fu-berlin.de



Abdulsatar Sultan
Technology, Operations & Logistics
Management
Management of technology and information
systems; Electronic marketing; Entrepreneurship and civil conflict
Catholic University in Erbil
Iraq

| Abdulsatar.sultan@cue.edu.krd



Political Science
Memory studies; Civil wars; Peace-building
and reconciliation; Political violence; Authoritarianism; Resource conflicts; Transitional justice in the Middle East and North Africa region
Mohamed Seddik ben Yahia University
Algeria

zeraoulia-faouzia@univ-jijel.dz

Faouzia Zeraoulia



Suhair Sunoqrot
Pharmacy & Materials Science
Nanomedicine; Pharmaceutical nanotechnology; Drug delivery; Materials science
Al-Zaytoonah University of Jordan
Jordan
Suhair.sunoqrot@zuj.edu.jo