



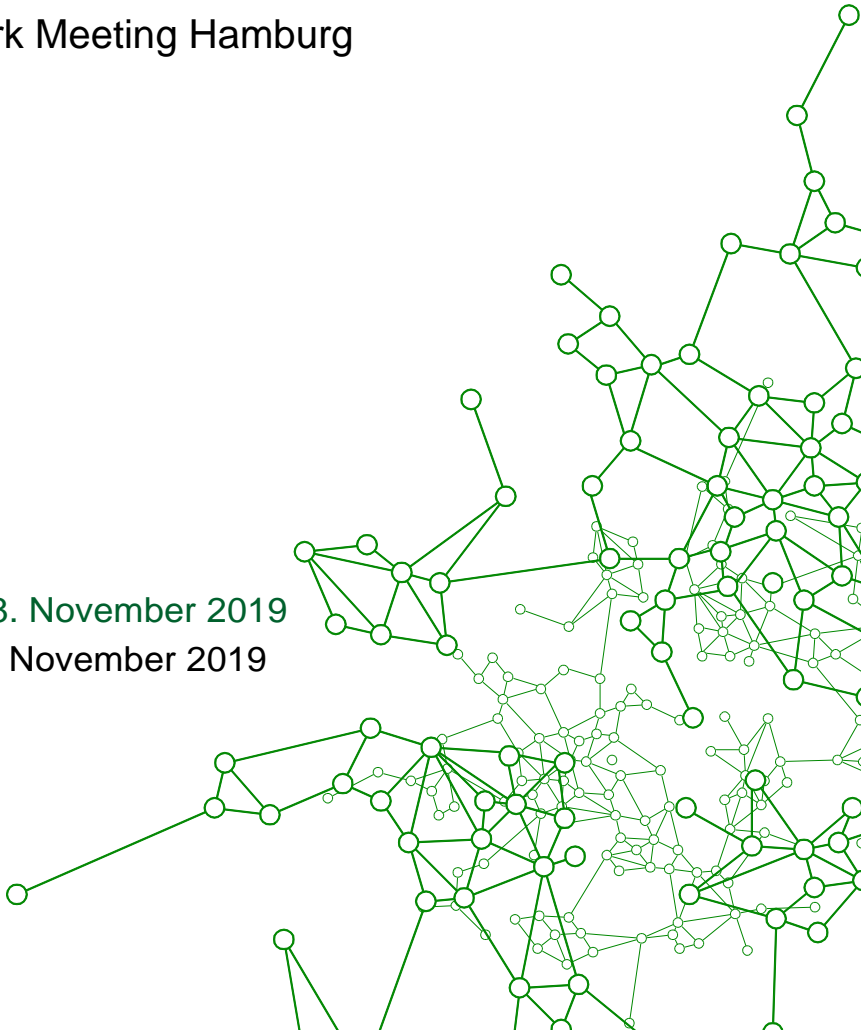
Programm/Programme

Netzwerktagung Hamburg

Network Meeting Hamburg

06. – 08. November 2019

06 – 08 November 2019



Netzwerktagung
der Alexander von Humboldt-Stiftung
06. – 08. November 2019
Universität Hamburg

Network Meeting
of the Alexander von Humboldt Foundation
06 – 08 November 2019
Universität Hamburg

Programm

Mittwoch, 6. November 2019

ab 12:30 Uhr Anreise und Registrierung der Teilnehmer/innen im Hotel

*Intercity Dammtor Messe
St. Petersburger Straße 1
20355 Hamburg
Holiday Inn Hamburg
Billwerder Neuer Deich 14
20539 Hamburg*

ab 14:00 Uhr Anmeldung der Teilnehmerinnen und Teilnehmer in der Universität

Welcome Desk
Universität Hamburg
Hauptgebäude
Edmund-Siemers-Allee 1
20146 Hamburg

14:30 Uhr Transfer von den Hotels zur Universität

Intercity Dammtor Messe
Holiday Inn Hamburg

15:00 Uhr **Begrüßung**
Professor Dr. Dr. h.c. Dieter Lenzen
Präsident der Universität Hamburg

Dr. Enno Aufderheide
Generalsekretär der Alexander von Humboldt-Stiftung

Universität Hamburg
Hauptgebäude
Edmund-Siemers-Allee 1
20146 Hamburg

15:30 Uhr **Eröffnungsvortrag**
Professor Dr. Frank Fehrenbach
Alexander von Humboldt-Professor 2013
Universität Hamburg, Kunstgeschichtliches Seminar
"Leonardo da Vinci's Natural Theory of Images"

16:30 Uhr Kaffee- und Teepause

Foyer Hauptgebäude ESA1

16:55 Uhr Gemeinsamer Fußweg zu den Ländergruppen

17:00 Uhr **Offene Diskussion in Ländergruppen – Fragen, Probleme, Hinweise**
(Details siehe Seite 11-12)

18:30 Uhr Transfer zum Parlament

19:00 Uhr **Festliches Abendessen**

Parlament Hamburg
Rathausmarkt 1
20095 Hamburg

21:30 Uhr Transfer zu den Hotels

Programme

Wednesday, 6 November 2019

from 12:30 p.m. Arrival and registration of participants at hotel

*Intercity Dammtor Messe
St. Petersburger Straße 1
20355 Hamburg
Holiday Inn Hamburg
Billwerder Neuer Deich 14
20539 Hamburg*

from 2:00 p.m. Registration of participants
Universität Hamburg

Welcome Desk
Universität Hamburg
Main Building
Edmund-Siemers-Allee 1
20146 Hamburg

2:30 p.m. Transfer by bus to the campus of the
Universität Hamburg

Intercity Dammtor Messe
Holiday Inn Hamburg

3:00 p.m. **Welcome Address**
Professor Dr. Dr. h.c. Dieter Lenzen
President of the Universität Hamburg
Dr. Enno Aufderheide
Secretary General of the Alexander von
Humboldt Foundation,

Universität Hamburg
Main Building
Edmund-Siemers-Allee 1
20146 Hamburg

3:30 p.m. **Opening Lecture**
Professor Dr. Frank Fehrenbach
Alexander von Humboldt-Professor 2013
Universität Hamburg, Department of Art History
"Leonardo da Vinci's Natural Theory of Images"

4:30 p.m. Coffee and tea break

Foyer Mainbuilding ESA 1

4:55 p.m. Joint walk to the regional groups

5:00 p.m. **Discussion in Regional Groups – Questions, Problems,
Information**
(for details see pages 11-12)

6:30 p.m. Transfer by bus to the Parliament

7:00 p.m. **Festive Dinner**

Parlament Hamburg
Rathausmarkt 1
20095 Hamburg

9:30 p.m. Transfer by bus to the hotels

Donnerstag, 7. November 2019

Gemeinsamer Bustransfer von den Hotels zu ausgewählten Instituten der Universität Hamburg

8:30 Uhr Bustransfer
Fachgruppe 1 Intercity Dammtor Messe
St. Petersburger Straße 1
20355 Hamburg

8:30 Uhr Bustransfer
Fachgruppen 2, 3, 4, 5, 6, 7, 8 Holiday Inn Hamburg
Billwerder Neuer Deich 14
20539 Hamburg

9:00 Uhr **Besuche ausgewählter Forschungsinstitute**
Kurzvorträge nach Fachgruppen
(Details siehe Seite 13-17)

1. Geschichte, Philosophie, Rechts- und Sozialwissenschaften
2. Sprach- und Literaturwissenschaften, Fremde Sprachen und Kulturen
3. Mathematik, Informatik und Theoretische Physik
4. Angewandte Physik
5. Chemie
6. Lebenswissenschaften I
7. Lebenswissenschaften II
8. Ingenieurwissenschaften

13:00 Uhr Gemeinsamer Fußweg/Bustransfer von den Instituten zur Mensa

13:15 Uhr **Mittagessen** Mensa Studierendenwerk

14:30 Uhr Fußweg zu den Räumlichkeiten der Posterausstellung/Vorbereitung der Postersession durch die Teilnehmerinnen und Teilnehmer

14:45 Uhr **Postersession**
(Details siehe Seite 18-24) Universität Hamburg
Flügelbau West
Edmund-Siemers-Allee 1
20146 Hamburg

16:30 Uhr Transfer zu den Hotels

18:30 Uhr Transfer von den Hotels zum Museumsschiff Cap Dan Diego

19:00 Uhr **Gemeinsames Abendessen** Cap San Diego
Überseebrücke
20459 Hamburg

21:30 Uhr Transfer zu den Hotels

Thursday, 7 November 2019

	Transfer by bus from the hotels to selected institutes of the Universität Hamburg	
8:30 a.m.	Transfer by bus Section 1	Intercity Dammtor Messe St. Petersburger Straße 1 20355 Hamburg
8:30 a.m.	Transfer by bus Sections 2, 3, 4, 5, 6, 7, 8, 9,	Holiday Inn Hamburg Billwerder Neuer Deich 14 20459 Hamburg
9:00 a.m.	Visits of selected research institutes: Presentations in groups according to disciplines (for details see pages 13-17) <ol style="list-style-type: none"> 1. History, Philosophy, Law and Social Sciences 2. Linguistics and Literary Studies, Foreign Languages and Culture 3. Mathematics, Computer Sciences and Theoretical Physics 4. Applied Physics 5. Chemistry 6. Life Sciences I 7. Life Sciences II 8. Engineering 	
1:00 p.m.	Joint walk/transfer by bus from the institutes to the canteen (Mensa)	
1:15 p.m.	Lunch	Mensa Studierendenwerk
2:30 p.m.	Walk to the building of the poster session/Preparation of the poster session by participants	
2:45 p.m.	Postersession (for details see pages 18-24)	Universität Hamburg Flügelbau West Edmund-Siemers-Allee 1 20146 Hamburg
4:30 p.m.	Transfer by bus to the hotels	
6:30 p.m.	Transfer by bus to the ship Cap San Diego	
7:00 p.m.	Joint Dinner	Cap San Diego Übersebrücke 20459 Hamburg
9:30 p.m.	Transfer by bus to the hotels	

Freitag, 8. November 2019

8:30 Uhr Bitte checken Sie bereits vor der Stadtführung aus; Ihr Gepäck kann bis zur Abreise im Gepäckraum der Hotels verstaut werden

Transfer zum Rathaus

**9:00 Uhr Stadtführung Hamburg
(deutsch- und englischsprachig)**

11:00 Uhr Ende der Führungen und Transfer zu den Hotels

Individuelle Abreise

Friday, 8 November 2019

8:30 a.m. Please check out of your room before the guided city tour. Your luggage can be stored in the hotels until departure.

Transfer to the town hall

9:00 a.m. **Guided city tour Hamburg
(German- and English-speaking)**

11:00 a.m. End of the tours and transfer to the hotels

Individual departure

Freitag, 5. April 2019

Programm für deutsche Teilnehmerinnen und Teilnehmer

Holiday Inn Hamburg, Billwerder Neuer Deich 14, 20539 Hamburg

8:30 Uhr Bustransfer vom Hotel Intercity Dammtor Messe zum Hotel Holiday Inn

9:00 Uhr **Begrüßung**
Dr. Monika Lieb, Abteilung Förderung und Netzwerk
Alexander von Humboldt-Stiftung

Erfahrungsberichte zurückgekehrter Forschungsstipendiatinnen und Forschungsstipendiaten

Dr. Dipl. Ing. Christopher H. Zenk
Ruhr-Universität Bochum, Fakultät für Maschinenbau / Ohio State University, Columbus, USA
"Discovering the Extraordinary in America's Most Average City"

Dr. Julia Geneuss
Universität Hamburg, Fakultät für Rechtswissenschaft / Hebrew University of Jerusalem, Israel
"Neun Monate Jerusalem: Ein Erfahrungsbericht"

Vorstellung der „Deutschen Gesellschaft der Humboldtianer“

Dr. Rainer Döhl-Oelze, Geschäftsführer
Geesthachter Innovations-und Technologie-Zentrum

Informationen zur Alumniförderung

Dr. Monika Lieb, Abteilung Förderung und Netzwerk
Alexander von Humboldt-Stiftung

Plenardiskussion

Rückkehr nach Deutschland: Chancen und Strategien

Professorin Dr. Carolin König
Christian-Albrechts-Universität zu Kiel, Institut für Physikalische Chemie / Universität Aarhus, Dänemark

Professor Dr. Thomas Eich
Universität Hamburg, Asien-Afrika-Institut (AAI) / Georgetown University, Washington, USA

ab 13:00 Uhr Mittagessen und individuelle Abreise

Ländergruppen/ Regional Groups

6. November 2019, 17:00 – 18:30 Uhr/ 6 November 2019, 5:00 – 6:30 p.m.

Ländergruppe A/ Regional Group A

Raum/Room: Westflügel
Raum 120

Moderation: Dr. Katrin Amian
Sabine Stephan
Annika-Lena Cramer

Länder/Countries: Australien/Australia, Kanada/Canada, Neuseeland/New Zealand, USA/USA

Ländergruppe B/ Regional Group B

Raum/Room: Ostflügel
Raum 120

Moderation: Dr. Steffen Mehlich
Diane Fischer
Frank Franzke

Länder/Countries: VR China/P.R. China

Ländergruppe C/ Regional Group C

Raum/Room: Ostflügel
Raum 121

Moderation: Britta Debus
Frank Arenz
Ruth Weber

Länder/Countries: Indien/Indien, Japan/Japan, Korea/Korea, Pakistan/Pakistan, Philippinen/Philippines, Usbekistan/Uzbekistan

Ländergruppe D/ Regional Group D

Raum/Room: Westflügel
Raum 121

Moderation: Dr. Monika Lieb
Mirjam Hamana
Sabine Steinbüchel

Länder/Countries: Belgien/Belgium, Frankreich/France, Griechenland/Greece, Italien/Italy, Niederlande/Netherlands, Schweiz/Switzerland, Spanien/Spain, Türkei/Turkey

Ländergruppen/ Regional Groups

Ländergruppe E/ Regional Group E

Raum/Room: Westflügel
Raum 222

Moderation: Sabine Meisel-Funk
Maria Rentmeister
Daniela Mager

Länder/Countries: Albanien/Albania, Bosnien-Herzegowina/Bosnia-Herzegovina, Moldau/Moldova, Polen/Poland, Russische Föderation/Russian Federation, Schweden/Sweden, Serbien/Serbia, Slowenien/Slovenia, Tschechische Republik/Czech Republic, Ungarn/Hungary, Vereinigtes Königreich/United Kingdom, Weißrussland/Belarus

Ländergruppe F/ Regional Group F

Raum/Room: Ostflügel
Raum 122

Moderation: Dr. Simone Heil
Anna Bauer
Angelique Born

Länder/Countries: Argentinien/Argentina, Brasilien/Brazil, Chile/Chile, Kolumbien/Colombia, Mexiko/Mexico, Venezuela/Venezuela

Ländergruppe G/ Regional Group G

Raum/Room: Westflügel
Raum 122

Moderation: Dr. Daniela Kneißl
Hayat Dine

Länder/Countries: Äthiopien/Ethiopia, Iran/Iran, Israel/Israel, Kamerun/Cameroon, Kenia/Kenya, Libanon/Lebanon, Marokko/Morocco, Nigeria/Nigeria, Simbabwe/Zimbabwe, Südafrika/South Africa

Ländergruppe H/ Regional Group H

Raum/Room: Westflügel
Raum 220/221

Moderation: Dr. Barbara Sheldon
Kristina Fleck
Andrea Berg

Länder/Countries: Deutschland/Germany

Institutsbesuche in Fachgruppen

Visits of Selected Research Institutes

7. November 2019, 9:00 – 13:00 Uhr/ 7 November 2019, 9:00 a.m. – 1:00 p.m.

Fachgruppe 1	Geschichte, Philosophie, Rechts- und Sozialwissenschaften
Section 1	History, Philosophy, Law and Social Sciences

Institut/ Institute:	Universität Hamburg Lehrstuhl für Strafrecht, Strafprozessrecht, Internationales Strafrecht und Juristische Zeitgeschichte Rothenbaumchaussee 33 20148 Hamburg
Moderation:	Professor Dr. Florian Jeßberger
Humboldt-Stiftung/ Humboldt Foundation:	Dr. Steffen Mehlich Andrea Berg Daniela Mager <i>“Making Sense of Epidemics: Religion, Medicine, and the Plague in the Late Middle Ages”</i> Dr. habil. Otto Sandor Gecser <i>“Anti-Vagrancy, Punishment and Labour Relations in the Context of the Abolition of Slavery in the Lusophone World (Rio de Janeiro, Luanda and Lourenço Marques, 1850-1910)”</i> Professor Dr. Paulo Cruz Terra <i>“Transgressive Drinking and Sexual Risk Behaviours among Nigerian Youths ”</i> Dr. Emeka Wilfred Dumbili <i>„Der Straftatbestand der ‚Propaganda zugunsten der terroristischen Vereinigung‘ und seine Auswirkungen auf die Redefreiheit - im Lichte der Entscheidungen des Europäischen Gerichtshofs für Menschenrechte und der türkischen und deutschen Verfassungsgerichte”</i> Dr. Zekiye Özen Inci

Fachgruppe 2	Sprach- und Literaturwissenschaften, Fremde Sprachen und Kulturen
Section 2	Linguistics and Literary Studies, Foreign Languages and Culture

Institut/ Institute:	Universität Hamburg Exzellenzcluster "Understanding Written Artefacts" Warburgstraße 26 20354 Hamburg
Moderation:	Professor Dr. Martin Schäfer

**Humboldt-Stiftung/
Humboldt
Foundation:**

Dr. Simone Heil
Maria Rentmeister
Anna Bauer

"Screening Europe at the End of the Earth: European Silent Film in Australasia"

Professorin Julie Allen

"Directing the Actor in the Theatre of Thomas Ostermeier"

Professor Dr. Igor de Almeida Silva

"Collective Memory in Zimbabwe: A Toponomastic Perspective"

Dr. Zvinashe Mamvura

"Migration and Literary Modernity: Arabic and Persian Poetry around the Arabian Sea, 1600-1700"

Dr. James White

**Fachgruppe 3
Section 3**

**Mathematik, Informatik und Theoretische Physik
Mathematics, Computer Sciences and Theoretical
Physics**

Institut/ Institute:

Universität Hamburg
Fachbereich für Mathematik und Zentrum für
Mathematische Physik
Bundesstraße 55
20146 Hamburg

Moderation:

Professor Dr. Christoph Schweigert

**Humboldt-Stiftung/
Humboldt
Foundation:**

Dr. Daniela Kneißl
Kristina Fleck
Angelique Born

"Computational Methods for Large-scale Inversion and Uncertainty Quantification"

Dr. Julianne Chung

"Symmetry, Topology, Electronic Correlations and the Electromagnetic Response of Solids: a First Principles Approach"

Dr. Jorge Ismael Facio

"Metal-Poor Massive Stars: What Are They? Why to Care? And... How Can We Find Them?"

Dr. Dorottya Szécsi

"String Theory and the Geometry of its Extra Dimensions."

Dr. Valenti Vall Camell

Fachgruppe 4
Section 4

Angewandte Physik
Applied Physics

Institut/ Institute:

Universität Hamburg
Center for Hybrid Nanostructures CHyN
Luruper Chaussee 149
22761 Hamburg

Moderation:

Professor Dr. Robert Blick

**Humboldt-Stiftung/
Humboldt
Foundation:**

Dr. Katrin Amian
Hayat Dine
Frank Franzke

“Playing with the Dimensionality in Iron-based Superconductors: Quasi-one Dimensional Iron Chalcogenide BaFe2S3”

Dr. Maria Lourdes Amigo

“Spectroscopy of 2D Materials and Their Heterostructures for Optoelectronic Applications”

Dr. Hilary Masenda

“Dressing Metals with Ultrafast Optical Fields ”

Dr. Marcel Reutzel

“Control of the Geometric Phase with Tailored Time-dependent Fields”

Dr. Xiaosong Zhu

Fachgruppe 5
Section 5

Chemie
Chemistry

Institut/ Institute:

Universität Hamburg
Institut für Anorganische und Angewandte Chemie
Martin-Luther-King-Platz 6
20146 Hamburg

Moderation:

Professor Dr. Michael Fröba

**Humboldt-Stiftung/
Humboldt
Foundation:**

Dr. Monika Lieb
Mirjam Hamana
Sabine Steinbüchel

“Investigation of Myxobacteria from Cameroonian Soil and Marine Samples in the Quest for New Chemical Entities against Mycobacterium tuberculosis”

Dr. Herve Sergi Akone

“Modelling Electronic Transport in Molecule - Graphene Integrated Nanodevices”

Dr. Isaac Alcon Rovira

“Natural Aluminum-Based Quasicrystalline Approximant”

Dr. Minh-Trang Pham

“Small Molecule Activation Using Metalate Anions Bearing a Bulky Phosphite Ligand”

Dr. Rafael Emilio Rodriguez-Lugo

Fachgruppe 6
Section 6

Lebenswissenschaften I
Life Sciences I

Institut/ Institute:

Universität Hamburg
Biozentrum Grindel & Zoologisches Museum
Institut für Zoologie, Verhaltensbiologie
Martin-Luther-King-Platz 3
20146 Hamburg

Moderation:

Professorin Dr. Susanne Dobler

**Humboldt-Stiftung/
Humboldt
Foundation:**

Dr. Barbara Sheldon
Sabine Stephan
Frank Arenz

“Spatial Modulation of Lipid and Metabolite Patterns by Epigenetic Drugs in Models of Alzheimer's Disease: MALDI MS Imaging and MALDI-based Cell Assays”

Dr. Martina Blank

“Consequences of Defaunation for Seed Dispersal in Plant Communities”

Dr. Isabel Donoso Cuadrado

“Comparative Cranial Ontogeny of Whales: New Insights from MicroCT”

Rachel A. Racicot

“Development of a Low-Pressure, Atmosphere-controlled Photobioreactor in the Context of Cyanobacterium-based Life Support Systems on Mars”

Dr. Cyprien Verseux

Fachgruppe 7
Section 7

Lebenswissenschaften II
Life Sciences II

Institut/ Institute:

Universität Hamburg
Institut für Bodenkunde
Allende-Platz 2
20146 Hamburg

Moderation:

Professorin Dr. Eva-Maria Pfeiffer

**Humboldt-Stiftung/
Humboldt
Foundation:**

Britta Debus
Diane Fischer
Ruth Weber

“Uppermost Albian Quantitative Biochronology: A Prerequisite for Understanding Couplings between Major Palaeoecological and Environmental Changes”

Dr. Romain Jattiot

“Impacts of Farm Management and Landscape Context on Pollination of Legume Crops in Lower Franconia, Germany”

Dr. Mark Otieno

“Understanding how the Hydrological Cycle will Change with Increasing CO₂: Tests Using the Geologic Record and Climate Models”

Dr. Jeremy Kesner Caves Rügenstein

“Functions of Sugars in Plant Stress Response”

Dr. Marzieh Valifard

**Fachgruppe 8
Section 8**

**Ingenieurwissenschaften
Engineering**

Institut/ Institute:

Technische Universität Hamburg
SFB "Maßgeschneiderte multiskalige Materialsysteme - M3"
Am Schwarzenberg-Campus 1
21073 Hamburg

Moderation:

Dr. Ralf Grote

**Humboldt-Stiftung/
Humboldt
Foundation:**

Renate Mohr-Lehnen
Sabine Meisel-Funk
Annika-Lena Cramer

“On Review of Vanadium Oxide Based Smart Material: Challenges and Futuristic Applications”

Dr. Carmel Mary Esther Alphonse

“Two-Phase Bubbly Flows: How to Advance our Understanding Using Advanced Computational Techniques?”

Professor Igor Bolotnov

“Bioinspired Supercrystalline Composites: Nanoscience Meets Materials Engineering”

Dr. Diletta Giuntini

“Dynamic Reliability Assessment of Engineering Structures: An Overview”

Dr. Oindrila Kanjilal

Poster Session

Um einen guten Austausch zwischen allen Teilnehmenden zu ermöglichen, bitten wir die Poster-Autorinnen und -Autoren, mindestens während der folgenden Zeiten an ihrem Poster für Fragen zur Verfügung zu stehen:

To allow a lively dialogue between all participants, we kindly ask the poster authors to be present at their displays at least during the following time periods:

Fachgruppen 1+4/ Sections 1+4	14:45 – 15:05 Uhr / 2:45 – 3:05 p.m.
Fachgruppen 2+5/ Sections 2+5	15:05 – 15:25 Uhr / 3:05 – 3:25 p.m.
Fachgruppe 3/ Section 3	15:25 – 15:45 Uhr / 3:25 – 3:45 p.m.
Fachgruppen 6+8/ Sections 6+8	15:45 – 16:05 Uhr / 3:45 – 4:05 p.m.
Fachgruppe 7/ Section 7	16:05 – 16:25 Uhr / 4:05 – 4:25 p.m.

Fachgruppe 1 **Geschichte, Philosophie, Rechts- und** **Section 1** **Sozialwissenschaften** **History, Philosophy, Law and Social Sciences**

Anwesenheitszeit Autoren 14:45 – 15:05 Uhr

Attendance time authors 2:45 – 3:05 p.m.

- P 01 Dr. Luis Fellipe Carvalho Garcia
 „Die Sprache als Werkzeug, Offenbarung oder Geist“
- P 02 Professor Dr. Paulo Cruz Terra
 “Anti-Vagrancy, Punishment and Labour Relations in the Context
 of the Abolition of Slavery in the Lusophone World (Rio de
 Janeiro, Luanda and Lourenço Marques, 1850-1910)”
- P 03 Professor Andrea De Giorgi
 “Cosa Excavations: a Roman Bath Complex Scientific Field:
 Archaeology”
- P 04 Adam Howe
 “*The Experience and Removal of Impurity in Ancient
 Mesopotamia*”
- P 05 Dr. Nicholas Kraus
 “*Patronage and Authority in the Sargonic Empire*”
- P 06 Dr. Alexander Constantine Sarantis
- P 07 Dr. Eduard Shehi
 “*Patterns of Cultural Interaction in a Religious Space: the Case of
 Ancient Southern Illyria and the Dyrrachion Artemision (Albania,
 6th cent.BC - 1st cent.AD)*”
- P 08 Dr. Borut Trpin
 “*Probabilistic Versions of Inference to the Best Explanation*”
- P 09 Dr. Viachaslau Yarashevich
 “*Competitiveness of the EAEU Economies*”

Fachgruppe 2 Sprach- und Literaturwissenschaften, Fremde Sprachen und Kulturen
Section 2 Linguistics and Literary Studies, Foreign Languages and Cultures

Anwesenheitszeit Autoren 15:05 – 15:25 Uhr

Attendance time authors 3:05 – 3:25 p.m.

- P 10 Dr. Yvonne Al-Taie
„Poetik der Unverständlichkeit. Vom Schreiben an der Schwelle des Verstehens“
- P 11 Dr. Maria Maddalena Colasuonno
“The Dead Sea Scrolls: a Syntactic and Discursive Analysis”
- P 12 Professor Dr. Igor de Almeida Silva
„Directing the Actor in the Theatre of Thomas Ostermeier“
- P 13 Dr. Patrick Eser
„Milieus in iterarischen und filmischen Fiktionen des Sozialen“
- P 14 Dr. Yulia Furman
“Aspectual Verbal Classes in Turoyo (Semitic)”
- P 15 Professorin Dr. Enkeleida Kapia
- P 16 Dr. M. Constant Kpao Sare
„Das 'indigene Wissen' der Literatur. Die afrikanische Technik im Lichte des kritischen Realismus“
- P 17 Dr. Zvinashe Mamvura
“Collective Memory in Zimbabwe: A Toponomastic Perspective”
- P 18 Professor Dr. Felipe de Almeida Ribeiro
“Text and Voice in Music Composition Processes: Strategies for Defamiliarization”
- P 19 Dr. Nicolas Ruth
- P 20 Dr. Magdalena Zolkos
“Post-colonial Restitution of Cultural Heritage 'Objects': Memorialisation, Politics of Return, and Cultural Re-signification”
-

Fachgruppe 3 Mathematik, Informatik und Theoretische Physik
Section 3 Mathematics, Computer Sciences and Theoretical Physics

Anwesenheitszeit Autoren 15:25 – 15:45 Uhr

Attendance time authors 3:25 – 3:45 p.m.

- P 21 Dr. Jorge Ismael Facio
“Symmetry, topology, electronic correlations and the electromagnetic response of solids: a first principles approach”
- P 22 Dr. Dorottya Szécsi
“Metal-poor massive stars – The theory linking gravitational waves, star formation and the dawn of the Universe”
- P 23 Dr. Vadamattom Shaji Veena

Fachgruppe 4 Angewandte Physik
Section 4 Applied Physics

Anwesenheitszeit Autoren 14:45 – 15:05 Uhr
Attendance time authors 2:45 – 3:05 p.m.

- P 24 Dr. Maria Lourdes Amigo
“Playing with the Dimensionality in Iron-based Superconductors: Quasi-one Dimensional Iron Chalcogenide BaFe₂S₃”
- P 25 Dr. Marwan Deb
“Femtosecond Laser-Excitation-Driven High Frequency Standing Spin Waves in Thin Films of Bismuth-substituted Yttrium Iron Garnets”
- P 26 Dr. Matthew Travis Eiles
“Rydberg Composites”
- P 27 Dr. Bing Liu
“A Candidate for High-Temperature Quantum Spin Hall Material: Antimonene”
- P 28 Dr. Florentin Reiter
“A Quantum of Noise: Dissipation Engineering for Quantum Computation and Simulation”
- P 29 Dr. Marcel Reutzler
“Dressing Metals with Ultrafast Optical Fields”
- P 30 Dr. Nils Wilhelm Rosemann
“Functionalization of Photonic Structures by Ultra-Low Threshold Nonlinear-Media”
- P 31 Dr. Eryin Wang
“Femtosecond Science on Chip: A Direct Probe of Light-induced Superconductivity”
- P 32 Dr. Xiaosong Zhu
“Control of the Geometric Phase with Tailored Time-Dependent Fields”
-

Fachgruppe 5 Chemie
Section 5 Chemistry

Anwesenheitszeit Autoren 15:05 – 15:25 Uhr
Attendance time authors 3:05 – 3:25 p.m.

- P 33 Dr. Isaac Alcon Rovira
„Modelling Electronic Transport in Molecule - Graphene Integrated Nanodevices”
- P 34 Dr. Kathryn Arpino
“Structure-Property Relationships of Modulated Lone-Pair Stereoactivity with Specific Attention to the Effects on Topological Character and Superconductivity”
- P 35 Dr. Quinn Alexander Besford

- P 36 Dr. Yangyang Bian
"High-flow Chromatography for Reproducible and High-throughput Quantification of Proteomes"
- P 37 Dr. Yunjun Cao
"Imaging Solvation Processes on the Molecular Scale"
- P 38 Dr. Yitao Dai
"Lead-free, All-inorganic Halide Perovskites for Photocatalytic Organic Synthesis"
- P 39 Dr. Ariane Ferreira Nunes Alves
"Computational Methods to Study the Rate of Protein-Drug Association and Dissociation"
- P 40 Priv. Doz. Dr. Rajendra Singh Ghadwal
"The Bright Side of White Phosphorus: "The Devils Element" for Organic Synthesis!"
- P 41 Dr. Viktorija Glembockyte
"Modular DNA Origami Platform for the Design of Tunable Glucose Biosensor"
- P 42 Professor Dr. Zhensheng Hong
"Structural Modification Strategies Enabling high Performance Anode Materials for Sodium-ion Batteries"
- P 43 Dr. Daniel Janßen-Müller
- P 44 Dr. Larissa Katharina Sophie Krbek-Prömel
"Allosteric Regulation of Anion Exchange in an Fe₄L₆ Tetrahedron"
- P 45 Dr. Dominique Laniel
"Stabilizing the Unstable: The High Pressure Approach Towards New Functional Materials"
- P 46 Dr. Nilufar Mamadalieva
"Profiling Metabolites and Biological Activities of Uzbek Astragalus Species (Leguminosae) using a Multiplex Metabolomics Approach"
- P 47 Dr. Jan-Michael Mewes
- P 48 Dr. Emmanuel Mfotie Njoya
"Phytochemical Studies of Codiaeaum Species and Isolation of Compounds from a Potent Sub-fraction of Codiaeaum Variegatum against Entamoeba Histolytica"
- P 49 Dr. Yaolin Xu
"Multifunctional Liquid Metal Interfaces for Stable Metal Anodes"

Fachgruppe 6 Lebenswissenschaften I
Section 6 Life Sciences I

Anwesenheitszeit Autoren 15:45 – 16:05 Uhr
Attendance time authors 3:45 – 4:05 p.m.

- P 50 Dr. Hülya Altuntas
“Comparison of Pheromone and General Odour Transduction in the Hawkmoth Manduca Sexta- the Role of Olfactory Receptor-coreceptor (Orco)”
- P 51 Dr. Haim Ashkenazy
- P 52 Dr. Sabrina Berkamp
“In Situ Structural Biology of the Autophagy Cargo Rreceptor p62 Using Cryo-electron Tomography”
- P 53 Dr. Martina Blank
„Spatial Modulation of Lipid and Metabolite Patterns by Epigenetic Drugs in Models of Alzheimer’s Disease: MALDI MS Imaging and MALDI-based Cell Assays”
- P 54 Dr. Minghao Chen
“Cryo-EM study of Spider Toxin”
- P 55 Dr. Anna Czarkwiani
“De Novo Thymus Regeneration in the Axolotl”
- P 56 Dr. Mariia Efremova
“Magnetoencapsulins: Bioengineering Genetically Controlled Magnetic Nanocompartments in Living Cells”
- P 57 Dr. Adriana Espinosa-Cantu
“Antibiotic Resistance Evolution in Bacterial Communities”
- P 58 Dr. Brandon Jonathan Kim
“Meningeal Pathogens alter Defining Phenotypes of Human Brain Endothelial Cells”
- P 59 Dr. Manju Kumari
“Transcriptional Control of Inflammation Regulating Cardiac- and Skeletal-muscle Function.”
- P 60 Dr. Rangel Leal Silva
- P 61 Dr. Yasmina Marin Felix
“Bioprospecting and Chemotaxonomy of Fungi Included in the Order Sordariales”
- P 62 Dr. Silja Mordhorst
“Novel Peptide-Modifying Enzymes from Cyanobacterial Proteusin Gene Clusters”
- P 63 Dr. Iris Müller
„Adolescent Conditioning Affects Fear Expression and Rate of Safety Learning During Adult Discriminative Conditioning”

- P 64 Dr. Kingsley Omage
"Identification of Serine Proteases Involved in the Activation of the Epithelial Sodium Channel (ENaC) in Nephrotic Syndrome"
- P 65 Dr. Simon Pöpsel
"How Human Polycomb Repressive Complex 2 Recognizes its Chromatin Substrate"
- P 66 Dr. Emmanuelle Queminn
"The Mechanistic Basis of Cellular Membrane Remodelling During Inner Membrane Recruitment in Poxvirus Assembly"
- P 67 Dr. Miriam Reverter
"Chemical and Microbial Ecology of Coral-sponge Interactions Exposed to Different Levels of Anthropogenic Pressure"
- P 68 Dr. Nina Schiller
"Monitoring Cotranslational Protein Folding: Effects of Ribosome and Molecular Chaperones"

Fachgruppe 7 **Lebenswissenschaften II**
Section 7 **Life Sciences II**

Anwesenheitszeit Autoren 16:05 – 16:25 Uhr
Attendance time authors 4:05 – 4:25 p.m.

- P 69 Dr. Alba Anadon-Rosell
"Understanding the Functioning of Small Woody Plants in Cold Ecosystems"
- P 70 Dr. Yugander Arra
"Dissecting the Potential Role of Host Transporters as Susceptibility Factors for a Broad Range of Rice Pathogens and Genome-editing for Engineering Resistance"
- P 71 Dr. Cynthia Adaku Chilaka
- P 72 Dr. Robert Green
- P 73 Dr. Paulina Andrea Jimenez Huidobro
"A New Hypothesis of the Phylogenetic Relationships of the Tylosaurinae (Squamata: Mosasauroidae)"
- P 74 Dr. Vinod Kumar
- P 75 Dr. Mouna Lamaoui
- P 76 Dr. Arnab Muhuri
"Satellite Observation of Seasonal Snow Cover Extent Over the Indian Himalayas"
- P 77 Dr. Stefan Peters
"The Nebular Frost Line Recorded in Photochemical Sulfur from Iron Meteorites"
- P 78 Dr. Maria Rugenstein

- P 79 Dr. Agostina Belen Sassone
"Phylogenomics within South American Garlics (Amaryllidaceae, Allioideae)."
- P 80 Dr. Jennifer Selinski
"Isoform-specific Differences between Alternative Oxidase Proteins"

Fachgruppe 8 Ingenieurwissenschaften
Section 8 Engineering

Anwesenheitszeit Autoren 15:45 – 16:05 Uhr
 Attendance time authors 3:45 – 4:05 p.m.

- P 81 Dr.-Ing. Sumit Agarwal
"Shock Tube Investigations on Gas Phase Kinetics of pure Ammonia Using the Laser Spectroscopy"
- P 82 Dr. Amin Bahrami
"Thermoelectrical Performance of cold worked half-Heusler Compounds"
- P 83 Professor Dr. Henrique Coelho Fernandes
- P 84 Dr. Chunxue Hao
"Electrochemical Metallization Memory with Interface Modulation Based on Silicon Dioxide Electrolyte"
- P 85 Professor Dr. Ferenc Hegedűs
"Towards the Optimisation of Sonochemical Reactors via the Investigation of Dual-frequency Driven Bubble Clusters"
- P 86 Dr. Sunil Kumar
- P 87 Professor Dr. Min Li
"Exploring a Perturbative Fretting-shear-thickening Polishing Method for Hard and Brittle Curved Surfaces"
- P 88 Dr.-Ing. Dzmitry Misiulia
"High-efficient Separation of Particle-laden Gas Flows in a Turbulent Centrifugal Field considering Particle Agglomeration"
- P 89 Professor Dr. Dominik Möst
- P 90 Dr. Abdon Pena-Francesch
"Multifunctional and Biodegradable Self-propelled Protein Motors"
- P 91 Dr. Robert James Douglas Siddall
"Bioinspired Mechatronics for Robust Mobile Robots in Complex Outdoor Environments"
- P 92 Dr. Dipl. Ing. Christopher H. Zenk
"From Atoms to Turbines - a Scientific Basis for a New Generation of Superalloys"

Allgemeine Hinweise/ General Information

Veranstalter/ Organiser

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Hotel/ Hotel

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Die Hotelzimmer sind für die Stipendiatinnen und Stipendiaten der Alexander von Humboldt-Stiftung, die außerhalb von Hamburg wohnen, verbindlich reserviert. Bitte räumen Sie Ihr Zimmer am Abreisetag bis spätestens 11:00 Uhr. Sollten Sie eine spätere Abreise wünschen, besprechen Sie dies bitte mit der Hotelrezeption. Bitte beachten Sie, dass Extrakosten (z. B. Telefon, Parken, Zimmerservice und Taxifahrten) nicht erstattet werden können.

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