



Alexander von Humboldt
Stiftung/Foundation

Programm/Programme

Humboldt-Kolloquium

„Moving Forward –

The UK-German Research Network in a Changing World”

15.–17. März 2018

Oxford, Vereinigtes Königreich

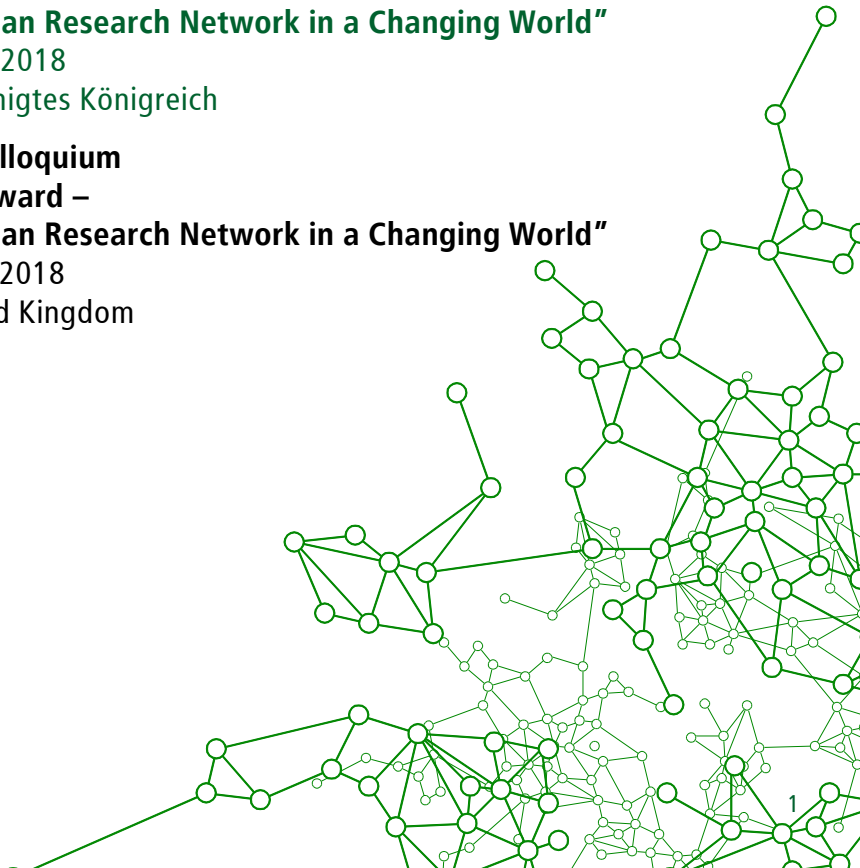
Humboldt Colloquium

“Moving Forward –

The UK-German Research Network in a Changing World”

15–17 March 2018

Oxford, United Kingdom



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In Kooperation mit / in cooperation with:

DAAD Deutscher Akademischer Austauschdienst
German Academic Exchange Service

DFG Deutsche
Forschungsgemeinschaft

Vorwort

Sehr geehrte Konferenzteilnehmer, liebe Humboldtianer, verehrte Gäste,

die Alexander von Humboldt-Stiftung fördert die akademische Zusammenarbeit hervorragender Wissenschaftlerinnen und Wissenschaftler aus Deutschland und Ländern in der ganzen Welt. Sie verleiht pro Jahr mehr als 700 Forschungsstipendien und Forschungspreise an Einzelpersonen, die damit auf Lebenszeit Mitglied einer internationalen Gemeinschaft von Spitzenforschern werden, dem Humboldt-Netzwerk. Derzeit leben und arbeiten rund 1.000 „Humboldtianerinnen“ und „Humboldtianer“ im Vereinigten Königreich und in Irland, viele davon in führenden Positionen an Universitäten, in Forschungseinrichtungen und anderen Institutionen im ganzen Land.

Mit diesem Humboldt-Kolloquium möchte die Alexander von Humboldt-Stiftung das Humboldt-Netzwerk im Vereinigten Königreich und in Irland zu einem Dialog einladen und so die Bedeutung des Netzwerks über die individuellen Kooperationen hinaus bewusst machen. Wir wollen neben dem fachlichen Austausch u.a. der Frage nachgehen, welche Rolle die Alumni über ihre herausragende wissenschaftliche Forschung hinaus übernehmen können, um die Zukunft für die Wissenschaft – auch oder gerade angesichts des geplanten Austritts der Briten aus der Europäischen Union – aktiv mit zu gestalten.

Wissenschaft und ihre Erkenntnisse erfordern und fördern Diversität und Offenheit. Das macht sie so wichtig für die Demokratie. Weil Wissenschaft international ist, fördert sie zugleich Weltoffenheit und kulturelle Vielfalt. Dies wird vielleicht nirgendwo deutlicher als in unserem weltumspannenden Netzwerk der Humboldt-Stiftung von 28.000 geförderten Wissenschaftlern in mehr als 140 Ländern. Wissenschaft wird hier zur Lingua franca eines vertrauensvollen und offenen Austauschs über die Grenzen von Staaten, religiösen oder politischen Anschauungen hinweg. Ob Sie es Völkerverständigung nennen, Wissenschaftsdiplomatie oder Außenwissenschaftspolitik: Wissenschaft hat hier auch einen großen Kollateralnutzen für die Politik. Sie ist in unserer arbeitsteiligen Gesellschaft für die Bereitstellung des jeweils besten verfügbaren Wissens verantwortlich. Und wer könnte diese Aufgabe besser erfüllen als unsere Humboldtianer?!

Neben unseren Alumni nehmen auch Nachwuchswissenschaftler an unserer Tagung teil. Letztere haben sich über einen öffentlichen Aufruf erfolgreich um die Teilnahme beworben oder sind von unseren Partnerorganisationen benannt worden. Die jungen Wissenschaftlerinnen und Wissenschaftler werden die Zukunft der deutsch-britischen Forschungspartnerschaft maßgeblich mitgestalten. Ihnen gelten daher ein besonders herzliches Willkommen und ein herzlicher Dank für ihr Interesse.

Editorial

Dear Conference Participants, dear Humboldtians, dear guests,

The Alexander von Humboldt Foundation promotes the cooperation of outstanding researchers from Germany and countries all over the world. Every year, it grants more than 700 research fellowships and research awards to individuals who thus become life-long members of an international community of top researchers: the Humboldt Network. Currently, some 1,000 "Humboldtians" live and work in the UK and Ireland, many in leading positions at universities, research establishments and other institutions across the country.

At this Humboldt Colloquium, the Alexander von Humboldt Foundation would like to invite the Humboldt Network in the UK and Ireland to engage in conversation and, in so doing, make people aware of the importance of the network beyond individual collaborations. In addition to specialist discussions, one of the questions we want to pursue asks what role alumni can play besides their outstanding scientific research in order to actively help shape the future for science, including, and especially, in view of the British decision to leave the European Union.

Science and the knowledge it generates demand and promote diversity and openness. That's what makes them so important for democracy. Because science is international, it inherently promotes cosmopolitanism and cultural diversity. Nowhere is this perhaps more obvious than in the Humboldt Foundation's world-spanning network of 28,000 researchers in over 140 countries. In this context, science becomes the lingua franca of trusting and open exchange across the boundaries of states, religions and political beliefs. Whether you call it international understanding, science diplomacy or foreign science policy, science has huge collateral benefits for politics as a whole. In our collaborative society it is responsible for providing the best possible knowledge available. And who could fulfil this role more effectively than our Humboldtians?

As well as our alumni, junior researchers are also participating in this meeting. They have successfully taken part in a competitive call to participate or have been nominated by our partner organisations. These young scientists and scholars will crucially help shape the future of the German-British research partnership. To them, in particular, a very warm welcome and many thanks for their interest.

Mein Dank gilt allen Personen und Einrichtungen, die die Vorbereitung der Tagung tatkräftig unterstützt haben, allen voran Frau Professorin Lahiri als Präsidentin der „UK Alexander von Humboldt Association“ sowie der Deutschen Botschaft in London, der Deutschen Forschungsgemeinschaft und dem Deutschen Akademischen Austauschdienst. Des Weiteren danke ich allen Vortragenden, Sitzungsleitern und Moderatoren für ihren jeweiligen Beitrag zum Programm und allen Teilnehmenden für ihre Zusage und Mitwirkung.

Ein Humboldt-Kolloquium ist ein recht seltenes Ereignis, das letzte im Vereinigten Königreich fand 1992 in Cambridge statt. Wir hoffen also, dass das diesjährige Treffen über diese Konferenz hinaus nachwirken wird. Wir ermuntern alle Teilnehmenden, neue Kontakte zu knüpfen, sich in die Diskussionen einzubringen und so zu Pflege und Ausbau der Forschungspartnerschaft unserer Länder und des aktiven Humboldt-Netzwerks in den kommenden Jahren beizutragen. Mit dieser Vision im Blick wünsche ich uns allen eine wunderbare Tagung!

A handwritten signature in blue ink, appearing to read 'Ina Schabert', written in a cursive style.

Generalsekretär der Alexander von Humboldt-Stiftung

My gratitude is also due to all the people and institutions who have spared no efforts in helping to prepare this colloquium, especially the President of the UK Alexander von Humboldt Association, Professor Lahiri, as well as the German Embassy, the German Research Foundation and the German Academic Exchange Service. I should also like to thank all the speakers, session heads and moderators for their respective contributions to the programme as well as all the participants for attending and taking part.

A Humboldt Colloquium is a pretty rare event: the last one in the United Kingdom took place in Cambridge in 1992. So, we hope that this year's meeting will have an impact lasting beyond the conference itself. We encourage all participants to make new contacts, join in the discussions and thus contribute to fostering and extending the research partnership between our countries and the active Humboldt Network in the years to come. With this vision in mind, I wish us all a marvellous conference.

A handwritten signature in blue ink, appearing to read 'Gero von Schulze-Gaebert', is positioned above the title. The signature is fluid and cursive, with a prominent flourish at the end.

Secretary General of the Alexander von Humboldt Foundation

Programm

Donnerstag, 15. März 2018

12:00-15:30 Uhr	Anmeldung der Teilnehmenden	Mathematical Institute University of Oxford Andrew Wiles Building Radcliffe Observatory Quarter Woodstock Road Oxford OX2 6GG Vereinigtes Königreich
14:00 Uhr	Informationsvorträge: Funding Opportunities for Research Collaborations with Germany Moderation: Dr. Monika Lieb Alexander von Humboldt-Stiftung Walter Denk Alexander von Humboldt-Stiftung Christian Schäfer Deutscher Akademischer Austauschdienst Dr. Christian Rebhan Deutsche Forschungsgemeinschaft	Mathematical Institute Hörsaal L1
16:00 Uhr	Eröffnung Begrüßungsansprachen Dr. Enno Aufderheide Generalsekretär der Alexander von Humboldt-Stiftung Tania Freiin von Usler-Gleichen Chargé d'Affaires a.i. der Botschaft der Bundesrepublik Deutschland im Vereinigten Königreich Professorin Dr. Aditi Lahiri Präsidentin der Humboldt-Alumnivereinigung im Vereinigten Königreich	Mathematical Institute Hörsaal L1

Programme

Thursday, 15 March 2018

12:00-3:30 p.m.	Registration of the participants	Mathematical Institute University of Oxford Andrew Wiles Building Radcliffe Observatory Quarter Woodstock Road Oxford OX2 6GG United Kingdom
2:00 p.m.	Information Session: Funding Opportunities for Research Collaborations with Germany Moderation: Dr. Monika Lieb Alexander von Humboldt Foundation Walter Denk Alexander von Humboldt Foundation Christian Schäfer German Academic Exchange Service Dr. Christian Rebhan German Research Foundation	Mathematical Institute Lecture Hall L1
4:00 p.m.	Opening Ceremony Welcome Addresses Dr. Enno Aufderheide Secretary General of the Alexander von Humboldt Foundation Tania Freiin von Uslar-Gleichen Chargé d'Affaires a.i. of the Embassy of the Federal Republic of Germany to the United Kingdom Professor Dr. Aditi Lahiri President of the UK Alexander von Humboldt Association	Mathematical Institute Lecture Hall L1

Festvorträge

Professor Dr. Rüdiger Görner

University of London

„Brexism or: How to Emerge from Political Psychosis“

Professorin Dr. Stefanie Engel

Universität Osnabrück

„Acting Climate-friendly: Hurdles and Solution Approaches“

anschließend

Empfang

auf gemeinsame Einladung der Botschaft der Bundesrepublik Deutschland
und der Alexander von Humboldt-Stiftung

Keynote Lectures

Professor Dr. Rüdiger Görner
University of London

“Brexitism or: How to Emerge from Political Psychosis”

Professor Dr. Stefanie Engel
Osnabrück University

“Acting Climate-friendly: Hurdles and Solution Approaches”

followed by

Reception

on joint invitation of the Embassy of the Federal Republic of Germany and the
Alexander von Humboldt Foundation

Freitag, 16. März 2018

9:00 Uhr **Podiumsdiskussion:** **UK-German Cooperation in Globalising Research: Sharing Experiences on What Makes the Difference** Mathematical Institute
Hörsaal L1

Moderation:
Dr. Barbara Sheldon
Alexander von Humboldt-Stiftung

Professor Dr. Brian Foster
Universität Hamburg

Professorin Dr. Sharon Jeanette Macdonald
Humboldt-Universität zu Berlin

Professor Dr. Martyn Poliakoff
University of Nottingham

Dr. habil. Dirk Rohmann
Bergische Universität Wuppertal

10:00 Uhr **Kaffee- und Teepause mit Gelegenheit zum weiteren Austausch** Foyer

10:30 Uhr **Spotlight on Current Research and International Research Collaborations: Parallele Workshops mit Präsentationen der Teilnehmenden**

Fachgruppe 1:
Sprach- und Literaturwissenschaften,
Geschichte

Mathematical Institute
Hörsaal L3

Moderation:
Professorin Dr. Claudia Olk
Freie Universität Berlin

Co-Moderation:
Professor Dr. Christoph Mick
University of Warwick, Coventry

Fachgruppe 2:
Philosophie, Wirtschaftswissenschaften,
Rechts- und Sozialwissenschaften

Somerville College
Margaret Thatcher
Lecture Theatre

Moderation:
Professor Dr. Gerhard Ernst
Universität Erlangen-Nürnberg

Co-Moderation:
Professorin Dr. Maeve A. Cooke
University College Dublin

Friday, 16 March 2018

9:00 a.m.	Plenary Discussion: UK–German Cooperation in Globalising Research: Sharing Experiences on What Makes the Difference Chair: Dr. Barbara Sheldon Alexander von Humboldt Foundation Professor Dr. Brian Foster Universität Hamburg Professor Dr. Sharon Jeanette Macdonald Humboldt-Universität zu Berlin Professor Dr. Martyn Poliakoff University of Nottingham Dr. habil. Dirk Rohmann Bergische Universität Wuppertal	Mathematical Institute Lecture Hall L1
10:00 a.m.	Coffee / Tea and Networking Break	Foyer
10:30 a.m.	Spotlight on Current Research and International Research Collaborations: Parallel Workshops with Presentations by Participants Section 1: Languages, Literature, History Chair: Professor Dr. Claudia Olk Freie Universität Berlin Co-Chair: Professor Dr. Christoph Mick University of Warwick, Coventry Section 2: Philosophy, Economics, Law, Social Sciences Chair: Professor Dr. Gerhard Ernst Universität Erlangen-Nürnberg Co-Chair: Professor Dr. Maeve A. Cooke University College Dublin	Mathematical Institute Lecture Hall L3 Somerville College Margaret Thatcher Lecture Theatre

**Fachgruppe 3:
Gesundheits- und
Lebenswissenschaften**

Somerville College
Margaret Thatcher
Ante Room

Moderation:
Professorin Dr. Uta Paszkowski
University of Cambridge

Co-Moderation:
Professor Dr. Christopher Linington
University of Glasgow

**Fachgruppe 4:
Chemie, Geowissenschaften,
Angewandte Ingenieurwissenschaften**

Somerville College
Flora Anderson Hall

Moderation:
Professor Dr. Hans-Ulrich Reißig
Freie Universität Berlin

Co-Moderation:
Professor Dr. Alexei Kornyshev
Imperial College of Science, Technology and Medicine, London

**Fachgruppe 5:
Physik, Mathematik, Informatik,
Theoretische Ingenieurwissenschaften**

Mathematical Institute
Hörsaal L2

Moderation:
Professorin Dr. Gabriele Nebe
Rheinisch-Westfälische Technische Hochschule Aachen

Co-Moderation:
Professor Dr. Philipp Podsiadlowski
University of Oxford

12:30 Uhr

Mittagessen

Mathematical Institute
Foyer

**Section 3:
Health, Life Sciences**

Somerville College
Margaret Thatcher
Ante Room

Chair:
Professor Dr. Uta Paszkowski
University of Cambridge

Co-Chair:
Professor Dr. Christopher Linington
University of Glasgow

**Section 4:
Chemistry, Geosciences, Applied Engineering**

Somerville College
Flora Anderson Hall

Chair:
Professor Dr. Hans-Ulrich Reißig
Freie Universität Berlin

Co-Chairs
Professor Dr. Alexei Kornyshev
Imperial College of Science, Technology and Medicine, London

**Section 5:
Physics, Mathematics, Informatics,
Theoretical Engineering**

Mathematical Institute
Lecture Hall L2

Chair:
Professor Dr. Gabriele Nebe
Rheinisch-Westfälische Technische Hochschule Aachen

Co-Chair:
Professor Dr. Philipp Podsiadlowski
University of Oxford

12:30 p.m.

Lunch

Mathematical Institute
Foyer

14:00 Uhr

**Plenarvorträge:
Building Research Careers and Partnerships:
What Impact does International Experience
Have on Career Paths and Opportunities?**

Mathematical Institute
Hörsaal L1

Moderation:
Georg Schöll
Alexander von Humboldt-Stiftung

Dr. Karin Pilz
University of Aberdeen
„Germany, Canada, Scotland - A Journey to Healthy Ageing“

Dr. Roberto Rinaldi
Imperial College London
„Humboldt, Lignin-&-Catalysis and Me: My Research Career in Germany“

15:00 Uhr

**Poster- und Netzwerksession
mit Kaffee- und Teepause**

Mathematical Institute
Foyer

16:30 Uhr

**Spotlight on Current Research and International Research Collaborations:
Fortsetzung der parallelen Workshops mit Präsentationen der
Teilnehmenden**

19:00 Uhr

Gemeinsames Abendessen mit Tischrede
Professor Dr. Ekhard Salje
University of Cambridge

Somerville College
Dining Hall

2:00 p.m.	Plenary Session: Building Research Careers and Partnerships: What Impact does International Experience Have on Career Paths and Opportunities?	Mathematical Institute Lecture Hall L1
	Chair: Georg Scholl Alexander von Humboldt Foundation	
	Dr. Karin Pilz University of Aberdeen "Germany, Canada, Scotland - A Journey to Healthy Ageing"	
	Dr. Roberto Rinaldi Imperial College London "Humboldt, Lignin-&-Catalysis and Me: My Research Career in Germany"	
3:00 p.m.	Poster-, Networking Session including Coffee and Tea	Mathematical Institute Foyer
4:30 p.m.	Spotlight on Current Research and International Research Collaborations: Parallel Workshops with Presentations by Participants continued	
7:00 p.m.	Dinner and Dinner Speech Professor Dr. Ekhard Salje University of Cambridge	Somerville College Dining Hall

Samstag, 17. März 2018

9:30 Uhr **Podiumsdiskussion:** Mathematical Institute
Freedom and Responsibilities of Researchers in Hörsaal L1
Society

Moderation:

Dr. Richard Charles McKenzie Mole
University College London

Professorin Dr. Ulrike Hahn
University of London

Dr. Miriam Ronzoni
University of Manchester

Professor Dr. Paul Julian Weindling
Oxford Brookes University / National Akademie der Wissenschaften
Leopoldina, Halle / International Research Centre for Cultural Studies,
Wien

10:30 Uhr **Kaffee- und Teepause mit Gelegenheit** Mathematical Institute
zum weiteren Austausch Foyer

11:00 Uhr **World Café:** Mathematical Institute
Visions and Strategies for Future Engagement Foyer
of Humboldtians

Moderation:

Dr. Steffen Mehlich, Alexander von Humboldt-Stiftung

Café-Moderation:

Dr. Monika Lieb, Alexander von Humboldt-Stiftung

Rapporteurs:

Dr. Roisin M. Healy, National University of Ireland Galway

Professorin Dr. Aditi Lahiri, University of Oxford

Professorin Dr. Helen Watanabe-O'Kelly, University of Oxford

anschließend **Abschließende Bemerkungen**

Dr. Enno Aufderheide

Generalsekretär der Alexander von Humboldt-Stiftung

anschließend **Lunch**

Saturday, 17 March 2018

9:30 a.m. **Plenary Discussion:** Mathematical Institute
Freedom and Responsibilities of Researchers in Lecture Hall L1
Society

Chair:

Dr. Richard Charles McKenzie Mole
University College London

Professor Dr. Ulrike Hahn
University of London

Dr. Miriam Ronzoni
University of Manchester

Professor Dr. Paul Julian Weindling
Oxford Brookes University / Leopoldina Centre for Science Studies, Halle /
International Research Centre for Cultural Studies, Vienna

10:30 a.m. **Coffee / Tea and Networking Break** Mathematical Institute
Foyer

11:00 a.m. **World Café:** Mathematical Institute
Visions and Strategies for Future Engagement Foyer
of Humboldtians

Chair:

Dr. Steffen Mehlich, Alexander von Humboldt Foundation

Café-Moderation:

Dr. Monika Lieb, Alexander von Humboldt Foundation

Rapporteurs:

Dr. Roisin M. Healy, National University of Ireland Galway

Professor Dr. Aditi Lahiri, University of Oxford

Professor Dr. Helen Watanabe-O'Kelly, University of Oxford

followed by **Concluding Remarks**
Dr. Enno Aufderheide
Secretary General of the Alexander von Humboldt Foundation

followed by **Lunch**

Interdisziplinäre Workshops mit Präsentationen der Teilnehmenden / Interdisciplinary Workshops with Presentations by Participants

In den interdisziplinären Workshops sollen die aktuellen Forschungsarbeiten von Humboldt-Alumni und Nachwuchswissenschaftlerinnen und Nachwuchswissenschaftlern in fünf definierten interdisziplinären Bereichen in den Mittelpunkt gestellt werden. Darüber hinaus bieten die Workshops ein Forum, um über aktuelle Forschungstrends, die wissenschaftliche Zusammenarbeit zwischen dem Vereinigtes Königreich, Irland und Deutschland sowie Möglichkeiten der Forschungsfinanzierung zu diskutieren. Alle Teilnehmenden – Humboldt-Alumni, Nachwuchswissenschaftlerinnen und -wissenschaftler und Gäste – sind eingeladen, bei diesen Workshops mitzuwirken.

The aim of the interdisciplinary workshops is to spotlight current research by Humboldt alumni and early career researchers in five loosely defined interdisciplinary areas. The workshops also provide a platform for discussing trends in current research, research collaboration between the United Kingdom, Ireland and Germany as well as research funding. All participants – Humboldt alumni, early career researchers and guests – are invited to attend these workshops.

Fachgruppe 1

Section 1

**Sprach- und Literaturwissenschaften,
Geschichte
Languages, Literature, History**

Raum / Room

Mathematical
Institute
Lecture Hall L3

Chairs:

Professor Dr. Claudia Olk, Freie Universität Berlin

Professor Christoph Mick, University of Warwick, Coventry

Presentations:

Dr. Anke Walter, University of Newcastle

"Ever since then" – Time in Ancient Stories of Origin

Prof Dr. Susan E. Irvine, University College London

The Electronic Corpus of Old English Anonymous Homilies in Old English

Dr. Kaltërina Latifi, Queen Mary University of London

Romantic Fragmentism and Literary Modernism (in German Literature)

Dr. Bettina Beinhoff, Anglia Ruskin University, Cambridge

Comprehension in the Common European Framework of Reference for Languages: Mapping Perceptive Abilities to Proficiency Levels

Dr. Natalia Petrovskaia, University of Cambridge

Defining "Europe" in Medieval European Geographical Discourse

Dr. Roisin M. Healy, National University of Ireland, Galway

The Break-Up of Britain and Germany: The Easter Rising and the Poznanian Rising of 1918/19 Compared

Dr. Marcel Thomas, University of Oxford

Building West Germany: A Sensory History of Reconstruction and Urban Renewal, 1945-1980

Dr. Nikolaos Papadogiannis, University of St. Andrews

Unruly Diplomats? Transnational Mobility, Cultural Diplomacy and Youth Lifestyles in West Germany, 1950s-1980s

Fachgruppe 2

**Philosophie, Wirtschaftswissenschaften, Rechts-
und Sozialwissenschaften**

Raum / Room

Somerville College
Margaret Thatcher
Lecture Theatre

Section 2

Philosophy, Economics, Law, Social Sciences

Chairs:

Professor Dr. Gerhard Ernst, Universität Erlangen-Nürnberg

Professor Maeve A. Cooke, University College Dublin

Presentations:

Dr. Angus James Nicholls, University of London

Theories of Political Myth in Relation to Contemporary Political Discourses

Dr. Sebastian Otten, University College London

Linguistic Distance, Networks and Migrants' Regional Location Choice

Roderick Galam, Freie Universität Berlin

Working for Work: Unemployment, Seafaring, and Young Filipino Men Securing Their Future through Servitude

Dr. Jewellord Tolentino Nem Singh, University of Tokyo

State Capacity for Poverty Reduction: The Politics of Pro-poor Growth in Resource-rich Countries

Prof. Dr. Hartmut Behr, University of Newcastle

Populism and the Role of the University

Dr. Kyriaki Nousia, University of Exeter

Future Challenges in International Research in the Sectors of Energy and Cyber-security, Environmental – Arbitration Maritime and Insurance Law

Dr. Lucy Wasensteiner, Courtauld Institute of Art London

The Exhibition "Twentieth Century German Art": Defending German Modernism in 1930s Britain

Dr. Olivia Spiegler, FernUniversität in Hagen

Potentially Negative Side-effects of Prejudice Intervention Programs

Chairs:

Professor Dr. Uta Paszkowski, University of Cambridge
Professor Christopher Linington, University of Glasgow

Presentations:

Dr. Paras Kumar Anand, Imperial College London
Regulation of Inflammation: The good, the Bad, and the Ugly

Dr. Christine Bösch-Saadatmandi, University of Leeds
Plant Bioactives as Modulators of Cellular Response

Dr. (Sarah) Jing Guo, University of Reading
The Role of Foods as Dietary Sources of Vitamin D

Prof. Dr. Robert Dallmann, University of Warwick, Coventry
Dosing-Time Makes the Poison: Circadian Regulation in Pharmacotherapy

Dr. Ufuk Günesdogan, Georg-August-Universität Göttingen
Primordial Germ Cells: A Link Between Generations

Dr. Carsten Hansen, University of Edinburgh
The Hippo Pathway Regulates Caveolae Expression and Mediates Flow Sensing via Caveolae

Dr. Patrik Flammer, University of Oxford
From Lübeck to Bristol – Molecular Archaeoparasitology Identifies Cultural Changes and Trade Networks of Medieval Lübeck

Prof. Dr. Rainer K. Cramer, University of Reading
How International Research Cooperation can Lead to New Analytical (MS) Technologies

Chairs:

Professor Dr. Hans-Ulrich Reißig, Freie Universität Berlin

Professor Alexei Kornyshev, Imperial College of Science, Technology and Medicine, London

Presentations:

Prof. Dr. Geoffrey Thornton, University College London

Making Movies of Light Harvesting

Dr. Kevin Lovelock, University of Reading

X-ray Spectroscopy of Liquids: Linking Electronic Structure to Reactivity

Dr. Rebecca L. Melen, Cardiff University

Catalysis Without Metals

Prof. Dr. Rodrigo Albuquerque, Liverpool John Moores University

Using Molecular modelling Techniques to Investigate Supramolecular Materials

Alina Meindl, Trinity College Dublin

Following Nature's Footprints: A Comparative Synthetic Study of Push-Pull Porphyrins for Solar Cells

Dr. Dmitry Volodkin, Nottingham Trent University

Active Bio-coatings and Delivery Carriers Based on Self-assembled Polymer and Hybrid Multilayers

Dr. Benjamin Schwarz, University of Oxford

The Earth through a Lens: How Optics can Contribute to Large-scale Array Seismology

Dr. Graham A. Shields, University College London

From Snowball Earth to the Present Ice Age: How Weathering Has Kept Our Planet Cool

Fachgruppe 5**Physik, Mathematik, Informatik, Theoretische
Ingenieurwissenschaften****Raum / Room****Section 5****Physics, Mathematics, Informatics, Theoretical
Engineering**Mathematical
Institute
Lecture Hall L2

Chairs:

Professor Dr. Gabriele Nebe, Rheinisch-Westfälische Technische Hochschule Aachen

Professor Dr. Philipp Podsiadlowski, University of Oxford

Presentations:

Prof. Dr. Andrey Akimov, University of Nottingham

Sound in Nanophysics

Dr. Axel Hagermann, Open University, Milton Keynes

Cup or Cone? A Laboratory-based Approach to Understanding Ices in Our Planetary System

Dr. James Vale, University College London

Measurements of Electronic and Magnetic Phenomena at Large Scale Scientific Facilities

Dr. Fotini Markopoulou, Team Turquoise Ltd. Doppel Bermondsey

Technology for Calm and Focus, Easily and Naturally

Prof. Dr. Eoin P. O'Reilly, University College Cork

Multiscale Simulation for Design and Analysis of Emerging Semiconductor Materials and Devices

Dr. Luca Magri, University of Cambridge

Mathematical and Computational Modelling of some Aero-engine Flows

Dr. Sarah Louise Stebbings, University of Southampton

A Brave New Quantum World – Collaboration and Cooperation for the 21st Century

Matthias Heintz, University of Leicester

Design and Evaluation of Participatory Design Online Tools (PDoT)

Poster-Session / Poster Session

Neben den Posterpräsentationen von Humboldt-Alumni sowie Nachwuchswissenschaftlerinnen und Nachwuchswissenschaftlern bietet die Poster-Session Gelegenheit zum Netzwerken und für individuelle Gespräche zwischen allen Teilnehmenden. Zusätzlich sind Vertreter von Forschungsförderorganisationen anwesend, die Informationen und Ratschläge zu Förderprogrammen sowohl für die individuelle Förderung als auch für Wissenschaftskooperationen auf allen Stufen der wissenschaftlichen Laufbahn geben können.

The session will feature poster presentations by Humboldt alumni and early career researchers and will provide an opportunity for networking and individual conversations. Representatives of funding organisations will be present to provide information and advice on funding schemes for individual sponsorship and research collaborations at all career levels.

Fachgruppe 1 Section 1

Sprach- und Literaturwissenschaft, Geschichte Languages, Literature, History

- | | |
|------|---|
| P 01 | Dr. Jessica Brown, Universität Potsdam
<i>Measuring Language Diversity in Germany</i> |
| P 02 | Dr. Daniela Colomo, University of Oxford
<i>How to Win a Bet: Sport Competition, Fans and Bribery in the Roman Empire</i> |
| P 03 | Dr. Maxim Fomin, University of Ulster, Belfast
<i>Linguistic Landscape of the North of Ireland</i> |
| P 04 | Dr. Joseph Lemberg, Humboldt-Universität zu Berlin
<i>Medieval Conceptions of Growth in Economic and Missionary Theory, 1200-1348</i> |
| P 05 | Prof. Dr. Samuel Nan Chiang Lieu, University of Cambridge
<i>International Union of Academies (UAI)</i> |
| P 06 | Dr. Nil Ozlem Palabiyik, University of Manchester
<i>Learning Turkish in Early Modern Europe: Humanists and Oriental Scholarship</i> |
| P 07 | Dr. Natalia Petrovskaia, University of Cambridge
<i>The Place of Europe in the Medieval European Image of the World</i> |
| P 08 | Rose Sawyer, University of Leeds
<i>Non-normative Childhood Development in Images of Child Substitution from Late Medieval Hagiography</i> |
| P 09 | Dr. Edmund Wareham, University of Oxford
<i>The Nuns' Network: Letters from the Benedictine Convent of Lüne</i> |

Fachgruppe 2
Section 2

**Philosophie, Wirtschaftswissenschaften, Rechts-
und Sozialwissenschaften**
Philosophy, Economics, Law, Social Sciences

- P 10 Julia Dennis, Centre for Agriculture and Bioscience International,
Wallingford
Food Democracy
- P 11 Prof. Dr. Galina V. Paramei, Liverpool Hope University
Chromatic Discrimination across the Life Span
- P 12 Dr. Miriam Ronzoni, University of Manchester
Constructing Justice
-

Fachgruppe 3
Section 3

Gesundheits- und Lebenswissenschaften
Health, Life Sciences

- P 13 Dr. Christine Bösch-Saadatmandi, University of Leeds
Neuroprotective Properties of Withania Somnifera Root Extract
- P 14 Dr. Michael Fauth, University of Edinburgh
Self-organized Maintenance and Enhancement of very Long-term memories
- P 15 Dr. Molly Grace, University of Oxford
The Green List: An Optimistic New Vision for Conservation
- P 16 Dr. Carsten Hansen, University of Edinburgh
The Hippo Pathway Regulates Caveolae Expression and Mediates flow Sensing via Caveolae
- P 17 Dr. Shane Keaveney, University College Dublin
tba
- P 18 Dr. Mohammad I. Khalil, University College Dublin
Ensemble Modelling: An Approach to Reduce Uncertainty in Estimating Agricultural Greenhouse Gases and Soil Organic Carbon Stocks
- P 19 Dr. Andrei Papkou, University of Oxford
Can the Genome of Staphylococcus aureus Predict the Emergence of Antimicrobial Resistance?
- P 20 Prof. Dr. Vadim Sumbayev, University of Kent at Medway
Molecular Mechanisms Underlying Ability of Cancer Cells to Escape Immune Attack

Fachgruppe 4**Chemie, Geowissenschaften,
Angewandte Ingenieurwissenschaften****Section 4****Chemistry, Geosciences, Applied Engineering**

- P 21 Dr. Mathias Acosta, Technische Universität Darmstadt
Epitaxial Mesoporous Thin Films for Solid Oxide Fuel Cells Cathodes
- P 22 Dr. Marius Arz, University of Bristol
Recent Advances in the Chemistry of Phosphorus-Containing Polymers
- P 23 Dr. Timothy Barendt, University of Oxford
Anion Molecular Machines
- P 24 Sonia Chhabra, University of St Andrews
Exploring Cr/PNP Based Ethylene Tetramerization Catalysis using in situ Electron Paramagnetic Resonance Spectroscopy
- P 25 Dr. Theresa Maria Dellermann, Julius-Maximilians-Universität Würzburg
Synthesis of BN-substituted Hybrid Polymers Via Catalytic Dehydropolymerisation of Amine-boranes
- P 26 Dr. Robert J.H. Dunn, Met Office Exeter
What Does Milk Yield Have to Do with the (Past & Future) Weather? Uses of in-situ Climate and Weather Data from the Met Office Hadley Centre
- P 27 Dr. Somaiyeh Falahat, Technische Universität Berlin
Rethinking Urban Modernity
- P 28 Dr. Marcela Teresa Hernandez Garcia, University of Southampton
Occurrence of Carbapenemase and ESBL Genes in Soil Microbiomes
- P 29 Dr. Nikolas Hundt, University of Oxford
Label-free Imaging of Actin Filament Dynamics at Single-subunit Sensitivity using Interferometric Scattering Microscopy
- P 30 Dr. Kevin Lovelock, University of Reading
X-ray Spectroscopy of Liquids: Linking Electronic Structure to Reactivity
- P 31 Alina Meindl, Trinity College Dublin
Development of New Tools for the Functionalization of Cubane
- P 32 Dr. Ernest Pastor, Imperial College London
Combined Electrochemical and Optical Tools to Study Catalytic Mechanisms on Disordered Electrodes
- P 33 Michael Sachs, Imperial College London
Spectroscopic Investigation of Photocatalysts for Sunlight-driven Fuel Production
- P 34 Dr. Nafsika Stavridou, University of Birmingham
HyperTower: From Tubular to Self-rising Wind Turbine Towers

Fachgruppe 5**Physik, Mathematik, Informatik, Theoretische
Ingenieurwissenschaften****Section 5****Physics, Mathematics, Informatics, Theoretical
Engineering**

- P 35 Dr. Murilo da Silva Baptista, University of Aberdeen
The Spatio-temporal Nature of Causality
- P 36 Dr. Chuan Cheng, University of Oxford
The Effect of Gradient Material Distribution on the Performance of Li-Ion Batteries
- P 37 Dr. Sven Friedemann, University of Bristol
Superconductivity at High Temperatures and High Pressures
- P 38 Dr. Daniel Friedrich, University of Edinburgh
Challenges and Opportunities in the Decarbonisation of Domestic Heating
- P 39 Dr. André Großardt, Universität Bremen
Gravitational Phenomena in Laboratory Quantum Systems
- P 40 Dr. Bo Liu, Glyndwr University, Wrexham
AI-driven Efficient Design Optimization of Electromagnetic Devices, Integrated Circuits and MEMS
- P 41 Dr.-Ing. Allahyar Montazeri, Iran University of Science and Technology Teheran, Iran
High Performance Grasping and Manipulation for Robots in Extreme Environments
- P 42 Prof. Dr. Eoin P. O'Reilly, University College Cork
Multiscale Simulation of Photonic Materials and Devices
- P 43 Dr. Yiannis Petridis, University College London
Counting Lattice Points in Euclidean and Hyperbolic Spaces
- P 44 Dr. Alessandro Romito, University of Lancaster
Topological Superconductivity in Engineered Nanostructures
- P 45 Prof. Dr. Rudolf Römer, University of Warwick, Coventry
Rogue Wave Generation Due to Inelastic Quasi-soliton Collisions in Optical Fibres
- P 46 Mahdieh Sadabadi, University of Cambridge
Plug-and-Play Robust Control of Microgrid
- P 47 Dr. Bakhtier Vasiev, University of Liverpool
Universal Statistics of Epithelial Tissue Topology

The World Café: Visions and Strategies for Future Engagement of Humboldtians

Saturday, March 17, 2018, 11 a.m.

The Humboldt Network is interdisciplinary, intergenerational, and international. Humboldtians have a passion for research and the experience of transatlantic research collaboration with Germany. The “World Café” is a format for creating a living network of collaborative dialogue on questions that matter to a community. It features a series of structured conversations at small coffee tables, allowing participants to share their individual knowledge and expertise with each other and to work collaboratively as a group towards tangible results of the meeting.

We encourage you strongly to attend this interactive session to help us draw conclusions from the colloquium and to start building bridges from this meeting as a one-time-event organised by the Foundation to self-initiated and self-organised activities as well as future strategies and initiatives by and for the Humboldt community in the United Kingdom and Ireland. We appreciate your feedback and engagement!

Questions for Discussion

1. What are the three most important or urgent obstacles preventing internationalisation and globalisation in science and research in Europe?
2. What role does or should the German-British/German-Irish Humboldt network play in solving these problems?
3. Which specific activities would you seek to engage in to advance progress on these issues?

Allgemeine Hinweise

Tagungsort

Mathematical Institute
University of Oxford
Andrew Wiles Building
Radcliffe Observatory Quarter
Woodstock Road
Oxford OX2 6GG
Vereinigtes Königreich

Somerville College
Woodstock Road
Oxford OX2 6HD
Vereinigtes Königreich

Zimmerbuchung

Für Humboldtianerinnen und Humboldtianer sind Hotelzimmer im Somerville College und Worcester College verbindlich reserviert. Eine Anmeldebestätigung ist Ihnen per E-Mail zugegangen. Bitte räumen Sie Ihr Zimmer am Abreisetag nach dem Frühstück.

Mahlzeiten

Frühstück erhalten Sie ab 6:30 Uhr. Die organisierten Mahlzeiten beginnen am 15. März 2018 mit dem Empfang und enden am 17. März 2018 mit dem Mittagessen.

Fotograf während der Veranstaltung

Die Veranstaltung ist prinzipiell presseöffentlich. Wir möchten Sie außerdem darauf hinweisen, dass Mitarbeiterinnen und Mitarbeiter der Stiftung sowie ein von der Stiftung beauftragter Fotograf während der Veranstaltung Fotos machen werden. Die Fotos werden ggf. im Rahmen der Informations- und Öffentlichkeitsarbeit sowie in dem internen sozialen Netzwerk der Stiftung veröffentlicht. Sie werden nicht zu kommerziellen Zwecken verwendet. Wenn Sie mit der Verwendung von Fotos, auf denen Sie abgebildet sind, nicht einverstanden sind, können Sie bis zum 12. März 2018 per E-Mail an Nina.Hafenegger@avh.de widersprechen.

Twitter

Wir freuen uns auf Ihren Tweet



[#AvHColloquium](#)

General Information

Conference Venue

Mathematical Institute
University of Oxford
Andrew Wiles Building
Radcliffe Observatory Quarter
Woodstock Road
Oxford OX2 6GG
United Kingdom

Somerville College
Woodstock Road
Oxford OX2 6HD
United Kingdom

Room Reservation

Hotel rooms are reserved bindingly for Humboldtians at the Somerville College and Worcester College and have been confirmed by email. Please check out of your room after breakfast.

Meals

Breakfast is available from 6:30 a.m. Organised meals start with the reception on 15 March 2018 and end with lunch on 17 March 2018.

Photographer during the Conference

In general, the event is open to the press. We would like to inform you that a photographer contracted by the Alexander von Humboldt Foundation as well as employees of the Foundation will be taking photographs during the event. The photographs taken may be published by the Alexander von Humboldt Foundation for the purpose of information and public relations work as well as on the Foundation's internal social network. They will not be used for commercial purposes. If you do not agree with the publication of photographs in which you feature, please inform us no later than 12 March 2018 by sending an email to Nina.Hafeneger@avh.de.

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We look forward to your tweet



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



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So erkennen Sie die Teilnehmenden

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	Hellblau	Nachwuchswissenschaftler/-innen
	Grau	Mitglieder der Delegation aus Deutschland
	Weiß	Gäste
	Bordeaux	Beschäftigte der Alexander von Humboldt-Stiftung







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Please note that your participation is at your own risk and we ask for your understanding that neither the Alexander von Humboldt Foundation nor Conventus Congressmanagement & Marketing GmbH can be held liable for any personal injury or property damage suffered during travel to and from as well as during the meeting.

Name Tags

Upon registration, you will receive your name tag. Please wear it during the entire meeting, thus it will be easier for all participants to address each other.

How to recognise the participants

	Yellow	Research Award Winners
	Green	Research Fellows
	Light Blue	Early Career Researchers
	Grey	Member of the Delegation from Germany
	White	Guests
	Claret	Staff of the Alexander von Humboldt Foundation

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