



IRS Spring Academy 2022

31 May – 3 June 2022

Investigating Space(s):
Current Theoretical and Methodological
Approaches:
Part 5 – Spaces of Infection

Program

:: leibniz-irs.de/springacademy2022

ABOUT THE IRS

The Leibniz Institute for Research on Society and Space (IRS) researches the interactions between social changes and the transformation of spaces. Its research focuses on people as social actors, who reflect on their environment and actively shape it, and on their practices. The IRS analyses how people initiate collective action to jointly develop villages, cities and regions. In this way, the IRS contributes to the understanding of current problems, their social and economic drivers including their historical roots, as well as corresponding solution strategies. This research is conducted within three research areas: "Economy and Civil Society", "Politics and Planning" and "Contemporary History and Archive".

As a member of the Leibniz Association, the IRS provides impulses for the sustainable development of villages, cities and regions and for the alleviation of socio-spatial inequality. It advises actors from politics and civil society – from the municipal to the national to the European level – on the introduction of new social practices.

With the Scientific Collections for the History of Building and Planning in the GDR, the IRS operates a research infrastructure that is also in international demand and uses it for its own research.

Being an interdisciplinary centre on spatial social research, the IRS is outstandingly networked at the regional, national, and international level. Researchers from the IRS maintain relations inside the Leibniz Association, with universities and research institutions as well as within their respective scientific communities. The IRS maintains institutional partnerships with the University of Manchester (Department of Geography at the School of Environment, Education and Development), the University of Leicester (Centre of Urban History – School of Historical Studies), the University of Turku, the Adam Mickiewicz University of Poznań, and the University of Eastern Finland. Furthermore, the IRS cooperates with a number of other partner institutions in project consortiums funded by the EU Framework Programme for Research and Innovation (Horizon 2020), other multi-national and German funding programs.

DEAR PARTICIPANTS



On behalf of the Leibniz Institute for Research on Society and Space and its partners I'd like to welcome all participants to the fifth edition of our series of successive IRS Spring Academies entitled "Investigating Space(s): Current Theoretical and Methodological Approaches". With this series, we seek to debate and advance current concepts and methodologies for the interdisciplinary analysis of space and to make the most recent state of the art accessible to junior researchers.

The objective of this year's event "Spaces of Infection" is to reflect upon the most recent experiences gained during the COVID-19 pandemic. Human beings are not only social actors but also biological organisms that interact with all kinds of infectious agents and are embedded in a natural environment. This raises a number of important issues, like: How do viruses spread in society? What are the ways of infection? What are appropriate societal reactions? How are social practices affected, in the short term and in the long run? Such questions are located at the intersection of social and medical sciences. They also need to be discussed in historical perspective, hence an intensive dialogue at the intersection of social, medical and historical sciences are a key concern of this year's Spring Academy.

Together with our local partner, the Robert Koch Institute (RKI), I am delighted to welcome internationally renowned scholars, such as our keynote speakers Karen Clay (Carnegie Mellon's Heinz College) and Michael Emch (University of North Carolina, Chapel Hill) as well as our external lecturers Ulrike Beisel (Freie Universität Berlin), Natascha Bing and Franziska Kellerhaus (both Red Cross Germany) and Andrea Wiegeshoff (Philipps Universität Marburg). Joanna Kusiak (University of Cambridge) and Örjan Sjöberg (University of Stockholm) kindly accepted our invitation to join the "meet the editors and reviewers panel".

Furthermore, we are proud to welcome eighteen early stage researchers coming from eleven nations and disciplinary backgrounds in various fields such as geography, the social sciences and urban planning and design.

Our program incorporates classic formats, such as lectures, with less common formats, such as doing-research workshops and paper pitches. It is designed to offer manifold opportunities to engage in critical, yet constructive and supportive dialogue. In combination with such an international and interdisciplinary field of participants, this year's IRS Spring Academy thus will offer a unique chance for academic reflection, mutual stimulation and, of course, networking.

I look forward to four days of lively and fruitful exchange!

Prof. Dr. Oliver Ibert

Director of the Leibniz Institute for Research on Society and Space



PROGRAM ELEMENTS

The program of the IRS Spring Academy combines different elements and thereby offers plenty of opportunities to debate issues and methodological challenges as well as to engage in critical, yet constructive and supportive dialogue.

Academic Speed Networking | In a series of quick one-on-one meetings, participants will introduce themselves and ask each other questions about their backgrounds, research, and expectations of the IRS Spring Academy program. This will help the participants with quickly becoming familiar with each other and sets starting points for further exchange.

Paper Pitches | In three paper pitch panels, 9 participants will each be given five minutes to present their essential research questions, the argument and how it is relevant to the topics of the IRS Spring Academy. Each participant will prepare his/her individual pitch beforehand so it will be ready for presentation (max. one PowerPoint slide is allowed). The pitches are followed by a discussion moderated by a senior researcher from the IRS.

Public Keynote Lectures | Renowned international researchers present their current research in a 45-minute lecture. This is followed up by another session containing both a comment from an IRS senior researcher and a round of discussions. The lecture sessions will also be open to external participants.

Doing-Research Workshops | In these workshops facilitators will give frank accounts of finalized or recent empirical research projects and provide practical and methodological insights regarding research designs and the implementation of studies with a spatial perspective. They will demonstrate how to collect and handle data, how to focus on the object of analysis, and how to deal with unexpected outcomes. Participants are encouraged to share the practical challenges in their own research, to reflect upon practical and/or ethical problems while collecting or interpreting data and to give constructive feedback on each other's research strategies.

Meet the Editors and Reviewers | This format brings together editors and members of the editorial boards of journals in the field of spatial analysis to discuss criteria for selecting and revising manuscripts. Senior researchers, having acted as reviewers, also share their insights. To this end, participants are given the opportunity to get insights into working processes of reviewing and editing. In the course of this session they will be able to discuss and reflect upon their own as well as their colleagues' publication strategies.

Individual Consultations | In these one-on-one sessions the participants will be given the opportunity of an individual conversation with one of the lecturers or an IRS senior researcher, to discuss issues of their research and receive advice from experienced researchers in a protected space. The IRS Spring Academy will serve as a match-maker. Participants will receive further information during the event.

	TUESDAY, 31.05.2022 ERKNER	WEDNESDAY, 01.06.2022 BERLIN	THURSDAY, 02.06.2022 ERKNER	FRIDAY, 03.06.2022 ERKNER
9:00			Public Keynote II <i>Pandemic Influenzas: Space, Genetics, and Landscapes</i> Michael Emch incl. online streaming	Three Doing-Research Workshops (parallel) a) Ulrike Beisel b) Andrea Wiegeshoff & Rita Gudermann c) Andreas Kuebart & Martin Stabler
9:30				
10:00				
10:30		Robert Koch Institut (RKI) 10:30 Welcome 10:45 Introduction	Coffe Break	Anticipatory Action for Disease Outbreaks German Red Cross (DRK) Dr. Natascha Bing & Franziska Kellerhaus
11:00		11:15 Infectious Diseases (Types, Burden of Disease, Global Picture, Historical Aspects)	Three Doing-Research Workshops (parallel) a) Ulrike Beisel b) Andrea Wiegeshoff & Rita Gudermann c) Andreas Kuebart & Martin Stabler	
11:30		12:15 Tour of the RKI Museum		
12:00	Arrival & Registration			Lunch
12:30		12:45 Walk to Seestr. through Charité Grounds		Paper Pitch II
13:00		Lunch	Lunch	
13:30	Introduction & Organisation			
14:00	Academic Speed Networking	Robert Koch Institut (RKI) COVID in its National and International Spatial Dimensions	Paper Pitch I	
14:30				Coffee Break
15:00		Modelling Disease Spread		Paper Pitch III
15:30	Coffee Break		Coffee Break	
16:00	Public Keynote I <i>The 1918-1919 Influenza Pandemic: Health and Economic Impacts</i> Karen Clay	Walk & Talk	Panel Meet the Editors and Reviewers	
16:30				Closing Panel
17:00	Hybrid Session			Farewell
17:30	Reception at IRS		Free Time Participants	
18:00		Dinner in Berlin		



Prof. Dr. Karen Clay | Carnegie Mellon's Heinz College

Karen Clay is Professor of Economics and Public Policy at Carnegie Mellon's Heinz College. She holds courtesy appointments at the Tepper School of Business and in the Department of Engineering and Public Policy, is a Senior Fellow at the Scott Institute for Energy Innovation at Carnegie Mellon, is an affiliated faculty member at the University of Pittsburgh, School of Law, and is a research associate at the NBER. Professor Clay's research has been supported by the National Science Foundation, the Department of Energy, the Sloan Foundation, and the Heinz Foundation. Her work has been published in the *Journal of Political Economy*, *Review of Economics and Statistics*, and *American Economic Review*, *Papers and Proceedings*. Before coming to Carnegie Mellon, Karen Clay was an assistant professor at the University of Toronto. She received her Ph.D. from Stanford University and her B.A. in Economics and Math from the University of Virginia.



Prof. Dr. Christoph Bernhardt | Leibniz Institute for Research on Society and Space

Christoph Bernhardt is head of the Research Area "Contemporary History and Archive" and deputy director at the IRS. At the same time he is an adjunct Professor for Modern and Contemporary History at the Department of History at the Humboldt Universität zu Berlin, Faculty of Arts and Humanities. After studying History and German Studies at the Freie Universität Berlin he was an assistant professor at the Historical Institute of the Technische Universität Berlin (1994–1998) and earned his PhD in 1995 (published as "Bauplatz Groß Berlin", 1998). In 2007 he earned his habilitation at the Technische Universität Darmstadt and has there taught Modern and Contemporary History. In 2017 he was awarded the title of an adjunct professor at the Faculty of Arts and Humanities at the Humboldt Universität. He is principal investigator of the DFG Project "Cultural and Technical values of historical buildings" (BTU Cottbus-Senftenberg) and in the Leibniz Research Alliance "Historical Authenticity". He is also co-editor of the German urban history journal „Informationen zur modernen Stadtgeschichte" (IMS), managing editor of the book series „Beiträge zur Stadtgeschichte und Urbanisierungsforschung" (Franz Steiner Verlag), board member of the "International Committee of the European Association for Urban History" (EAUH), and of the German Urban History Association "Gesellschaft für Stadtgeschichte und Urbanisierungsforschung" (GSU). He has published books and articles in the field of European Urban and Environmental History and directed many basic and third party funded research projects.

12:00	Arrival & Registration
13:30	Introduction & Organisation
14:00	Academic Speed Networking
15:30	Coffee Break
16:00	Public Keynote I <i>The 1918-1919 Influenza Pandemic: Health and Economic Impacts</i> Karen Clay Hybrid Session
17:30	Reception at IRS

16:00 | Public Keynote I

The 1918-1919 Influenza Pandemic: Health and Economic Impacts*Karen Clay*

The COVID-19 pandemic took the world by surprise. While the first documented case was in December of 2019, it would take just three months before the World Health Organization (WHO) would declare that COVID-19 was a pandemic. As of March 2022, COVID-19 has been officially responsible for more than 6 million deaths.

As the COVID-19 pandemic has unfolded, many are drawn to the parallels with the 1918 influenza pandemic. Both are respiratory diseases caused by a virus, could spread from casual close contact, and reached most parts of the globe within months. The case mortality rates for both pandemics are higher than a typical seasonal influenza, with the 1918 influenza pandemic killing tens of millions worldwide. In both pandemics, non-pharmaceutical interventions (NPIs) like social distancing and mask wearing were used to control the spread, though in 1918 the restrictions were far less stringent. These parallels have renewed interest in understanding the health and economic effects of the 1918 pandemic.

This talk will survey the literature on the 1918 influenza pandemic, with a particular focus on understanding its health and economic effects. I will begin by providing an overview of key contextual and epidemiological details. I will then examine spatial variation in the effects of the pandemic, including spatial variation in mortality and in the associated economic effects. The factors underlying this variation, including the role of non-pharmaceutical interventions will be discussed. Throughout the talk I will highlight important areas for future work.



The buildings of the Robert Koch Institute



The exhibition showcases the RKI research on public health

Robert Koch Institut (RKI)

10:30	Welcome
10:45	Introduction
11:15	<i>Infectious Diseases (Types, Burden of Disease, Global Picture, Historical Aspects)</i>
12:15	<i>Tour of the RKI Museum</i>
12:45	<i>Walk to Seestraße through Charité Grounds</i>
13:00	Lunch
14:00	<i>COVID in its National and International Spatial Dimensions</i>
15:00	Modelling Disease Spread
16:00	<i>Walk & Talk</i>
18:00	<i>Dinner in Berlin</i>

What RKI does – Departments and units at the Robert Koch Institute

Since its founding in 1891, the Robert Koch Institute has been dedicated to the investigation and prevention of infectious diseases. Today, the institute is also responsible for nationwide health monitoring – the collected data is included in the health reporting of the federal government. Furthermore, the RKI collects and interprets epidemiological data communicated to the institute as a result of the Protection against Infection Act (Infektionsschutzgesetz, IfSG). Its scientists conduct research in infectious disease epidemiology as well as sentinel surveillance projects and support the federal states in outbreak investigations. Since 9/11, the institute also has the mission to identify unusual biological events with highly pathogenic agents that might be used with bioterrorist intent. In addition, it assesses the health implications for the general public and works on preparedness and response for such incidents.

The Robert Koch Institute has three locations in Berlin – two of them in the district of Wedding, in the direct vicinity of the Charité university hospital and other research facilities – as well as a branch in Wildau and in Wernigerode in the Harz region. Around 1,300 people including 450 scientists are working at the RKI in five departments and more than 50 units, project and junior groups. Find out more about each units' aims, tasks, projects and contacts.

The Museum at the Robert Koch Institute

The permanent exhibition at the Nordufer site shows the research by RKI on the risks and protection factors for the health of the population and the relevance the ideas and discoveries of Robert Koch and his scholars still have.

The Mausoleum for Robert Koch

When Robert Koch died in 1910, his ashes were laid to rest in his institute. The mausoleum is open to visitors during the RKI museum opening hours.

COVID-19 in Germany

The Robert Koch Institute is continuously monitoring the situation, evaluating all available information, estimating the risk for the population in Germany, providing health professionals with recommendations and gives an overview of its own COVID-19 research.



Prof. Dr. Michael Emch | University of North Carolina at Chapel Hill

Michael Emch is W.R. Kenan, Jr. Distinguished Professor of Geography and Epidemiology at the University of North Carolina at Chapel Hill (UNC). He is a member of Infectious Disease Epidemiology and Ecology Lab at UNC and he leads the Spatial Health Research Group. He has published more than 180 papers and two books mostly on infectious diseases including cholera, malaria, respiratory infections, tuberculosis, and COVID-19. He has received more than 20 million dollars in research grants to study diverse topics such as the role of population-environment drivers in pathogen evolution, how social connectivity contributes to disease incidence, and using environmental indicators to predict infectious disease outbreaks. He has served on panels for the National Institutes of Health (NIH), National Science Foundation (NSF), the Centers for Disease Control, and the National Academy of Sciences and he has given many speeches on infectious diseases at institutions in more than 20 countries including the United States Senate



Prof. Dr. Ulrike Beisel | Freie Universität Berlin

Ulrike Beisel has been appointed to the professorship of Human Geography with a focus on Geographical Development Research at the Freie Universität Berlin in April 2021. Her research focuses on the spatialisation of global inequalities and the conditions of social transformation processes, especially in the thematic fields of cultures of nature, planetary health and environmental justice. Her work is situated in the interdisciplinary field of feminist and post-colonial science and technology studies, the more-than-human geography approach and in global health. She studied Psychology and Sociology at the University of Bremen (Diploma, 2005), a Master of Arts "Environment, Culture and Society" at Lancaster University (UK, 2006), and a PhD in Human Geography at the Open University (UK, 2011). She then worked at the London School of Hygiene and Tropical Medicine, Martin Luther University Halle-Wittenberg, Lancaster University and most recently at the University of Bayreuth. She is part of the editorial collective of the open access book publisher Mattering Press and Associate Editor of the journal Science as Culture.

9:00	Public Keynote II <i>Pandemic Influenzas: Space, Genetics, and Landscapes</i> <i>Michael Emch</i> incl. online streaming
10:30	Coffe Break
11:00	Three Doing-Research Workshops (parallel) a) Researching and Mapping More-than-human Geographies of Health <i>Ulrike Beisel</i> b) "Coping with the Adventure of Archival Encounters" <i>Andrea Wiegshoff & Rita Gudermann</i> c) Pandemic Geographies: Conceptualizing Spatial Diffusion with TPSN (Territory, Place, Scale, Network) <i>Andreas Kuebart & Martin Stabler</i>
13:00	Lunch
14:00	Paper Pitch I
15:30	Coffee Break
16:00	Panel Meet the Editors and Reviewers
18:00	Free Time Participants

9:00 | Public Keynote II

Pandemic Influenzas: Space, Genetics, and Landscapes*Michael Emch*

Influenza viruses are responsible for substantial human morbidity and mortality and continue to present a public health challenge. In addition to humans, influenza viruses can infect birds, pigs, horses, dogs, sea mammals, and other animal species. It has been proposed that pigs are intermediate host "mixing vessels" that generate pandemic influenza strains through genetic reassortment among avian, swine, and/or human influenza viruses. The genesis and emergence of highly transmissible pandemic viruses is complicated and protracted, requiring multiple reassortment events and mutations across years as seen with the 2009 H1N1 influenza pandemic. Since 2009, novel swine influenza arising from reassortment between the emerging 2009 pandemic H1N1 virus and enzootic swine influenza viruses have frequently been detected in swine populations worldwide, most noticeably in China and the US. A number of these novel swine influenza viruses have caused sporadic spillovers to humans and there is a fear that another influenza pandemic may occur. Although evolutionary events (i.e., reassortment and mutations) have been readily documented, it is not yet clear which are typical, which are atypical, which evolutionary events for these influenza viruses increase threats to human and animal health, and which ecological and evolutionary principals are driving such events. This lecture presents how landscape genetics and medical geography theories and methods can be used to conduct studies of how human-environment interactions influence pathogenic characteristics. The case of swine influenza is offered as an example.

11:00 | Doing-Research Workshop

a) Researching and Mapping More-than-human Geographies of Health*Prof. Dr. Ulrike Beisel*

This Doing-Research Workshop considers the challenges and opportunities that approaches in more-than-human geography offer. More-than-human geography is a field that aims to trace humans' entanglements with other-than-human organisms, including those we cohabit with that damage our health. In this workshop we discuss the challenges of thinking about nature and culture as intertwined instead of separate realms, the dangers of anthropomorphising our attempts to think about other-than-humans, and possibilities of interdisciplinary collaborations between natural and social sciences. Drawing on several research projects on the control of mosquitoes the workshop leader conducted over the last decade, the workshop will combine a conceptual input and reflection on research by the workshop leader, as well as group work by workshop participants trying out the potentials of developing "living maps". Such critical cartographies draw on participatory mapping and detail human and mosquito presence, as well as breeding spots and other infrastructural factors, from the perspectives of citizens (scientists), decision-makers, as well as academic researchers. In this way, the workshop explores the potential of transdisciplinary research methodologies in more-than-human geographies of health and disease situations.



Dr. Andrea Wiegeshoff | Philipps-Universität Marburg

Andrea Wiegeshoff is an assistant professor in modern history at the University of Marburg (Germany). Previously, she worked as a policy advisor for the German Council of Science and Humanities and as a project coordinator and research assistant of the "Independent Historians Commission to Revisit the History of the German Foreign Office in the National Socialist Period and in the Federal Republic." She has held research fellowships from the German Historical Institutes in London and Washington D.C. In 2011, she received her PhD from Marburg University with a thesis on the German Foreign Service, which was published in 2013 with Wallstein. Her current research foci are the history of epidemics, health, and medicine, the history of the American and the British empires as well as the history of security. Recently, she co-edited a special issue of the *Journal of Modern European History* on "(In-)Securities across European Empires and beyond" (with Benedikt Stuchtey, Vol. 16.3, August 2018). Currently, she is preparing a co-edited volume "Ecologies of disease control: Spaces of health security in historical perspective" together with Sven Opitz and Carolin Mezes as well as a special issue of *Geschichte in Wissenschaft und Unterricht* about the history of epidemics together with Malte Thießen.



Dr. Rita Gudermann | Leibniz Institute for Research on Society and Space

Since January 2020, Rita Gudermann is head of the institute-funded project to improve the digital infrastructure of the scientific collections of the IRS. She studied history, German language and literature and biology at the Freie Universität Berlin, where she earned her doctorate in 1998 at the Department of Economic and Social History of the Faculty of Economic Sciences on the topic of 19th century agricultural land improvement in Brandenburg and Westphalia. She then worked for many years as a research assistant at the economic history institutes of the Freie Universität Berlin and the Humboldt Universität zu Berlin. Her main areas of expertise are agricultural and environmental history and media economics of the 19th and 20th centuries. In 2010, she founded a historical image database, which still exists today, as part of an Exist stipend from the German Ministry of Education and Research. She also has many years of professional experience as an IT consultant in the field of DAM and ERP systems.

day 3

THURSDAY, 2 JUNE 2022

9:00	Public Keynote II <i>Pandemic Influenzas: Space, Genetics, and Landscapes</i> <i>Michael Emch</i> incl. online streaming
10:30	Coffe Break
11:00	Three Doing-Research Workshops (parallel) a) Researching and Mapping More-than-human Geographies of Health <i>Ulrike Beisel</i> b) "Coping with the Adventure of Archival Encounters" <i>Andrea Wiegeshoff & Rita Gudermann</i> c) Pandemic Geographies: Conceptualizing Spatial Diffusion with TPSN (Territory, Place, Scale, Network) <i>Andreas Kuebart & Martin Stabler</i>
13:00	Lunch
14:00	Paper Pitch I
15:30	Coffee Break
16:00	Panel Meet the Editors and Reviewers
18:00	Free Time Participants

11:00 | Doing-Research Workshop

b) "Coping with the Adventure of Archival Encounters"

Andrea Wiegeshoff & Rita Gudermann

The job of the historian begins with sources" John H. Arnold explains in his introduction to "History" (Arnold 2000: 58). Making sense of past documents lies at the very heart of historical analysis. Sooner or later, the search for such (not necessarily written) material leads us to the archives. Plowing through piles of dusty records is oftentimes our bread and butter. In our workshop, we will focus on issues surrounding archival research and practical challenges of collecting and interpreting primary sources. For instance, where do we start our research, especially when we focus on (almost) forgotten diseases? How can we deal with practical problems such as messy handwriting and torn documents? What to do when faced with an avalanche of records and a limited amount of research time? How to deal with gaps and silences inherent in every archive? And which analytical strategies can help to solve methodological issues posed e.g. by fragmented documentation? Which (digital) tools might help us to historicize and locate diseases in time and space? In the workshop, we want to discuss such questions, share our experiences, and invite participants to talk about their own experiences with the challenges of navigating the complexity of archival material.ns.



Dr. Andreas Kuebart | Leibniz Institute for Research on Society and Space

Dr. Andreas Kuebart is a research associate in the Research Area "Economy and Civil Society" since 2015 and a post-doc fellow at the chair for Socio-Spatial Transformation at the Brandenburg University of Technology since 2019. His research interests are situated between the disciplinary boundaries of human- and economic geography and focus on the geographies of socio-spatial processes in context of the digital economy and society. Thematically, his research involves topics related to the financial geographies of entrepreneurial ecosystems, and more generally to issues of regional development as well as health geography. Methodically, he has been involved in qualitative case studies and especially applies the techniques of spatial data science in his work. Kuebart studied Geography at Humboldt University of Berlin, the University of Florida (Gainesville), Stockholm University and Bonn University. In January 2020, he graduated as Dr. rer. nat. from Free University of Berlin. For his dissertation project he researched the geographies of knowledge in the context of entrepreneurial ecosystem with case studies on seed accelerators in the US and Germany. Since 2020, Andreas Kuebart focuses his research activities on the spatial diffusion of the COVID-19 pandemic.



Martin Stabler | Leibniz Institute for Research on Society and Space

Martin Stabler is a research associate in the Research Area "Economy and Civil Society" since 2022. Trained in human, political, and economic geography as disciplinary background his research interests focus on the fields of political economy and socio-spatial transformation processes. His current research project is concerned with the COVID-19 outbreak in Germany and Europe. The main objectives are to understand the virus spread as a socio-spatial process and to analyze the diffusion of infectious diseases. Methodically, he has been involved in qualitative case studies and especially applies the techniques of spatial data science in his work. Stabler studied Geography at Freie University of Berlin where he graduated in 2019. Since 2020, Martin Stabler focuses his research activities on the spatial diffusion of the COVID-19 pandemic.

9:00	Public Keynote II <i>Pandemic Influenzas: Space, Genetics, and Landscapes</i> <i>Michael Emch</i> incl. online streaming
10:30	Coffe Break
11:00	Three Doing-Research Workshops (parallel) a) Researching and Mapping More-than-human Geographies of Health <i>Ulrike Beisel</i> b) "Coping with the Adventure of Archival Encounters" <i>Andrea Wiegeshoff & Rita Gudermann</i> c) Pandemic Geographies: Conceptualizing Spatial Diffusion with TPSN (Territory, Place, Scale, Network) <i>Andreas Kuebart & Martin Stabler</i>
13:00	Lunch
14:00	Paper Pitch I
15:30	Coffee Break
16:00	Panel Meet the Editors and Reviewers
18:00	Free Time Participants

11:00 | Doing-Research Workshop

c) Pandemic Geographies: Conceptualizing Spatial Diffusion with TPSN (Territory, Place, Scale, Network)

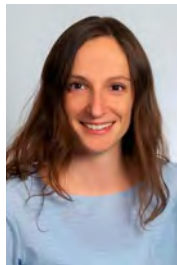
Dr. Andreas Kuebart & Martin Stabler

This workshop aims to develop a new perspective on spatial diffusion theory. Geographical diffusion theory is mainly concerned with understanding how a phenomenon (material or immaterial) disperses in space. Torsten Hägerstrand's seminal research in the field of innovation adaption resulted in a typology of different diffusion types while each type follows a characteristic pattern (Hägerstrand 1953). This concept of diffusion was soon taken up by geographers dealing with epidemics, such as Peter Haggett, who applied diffusion theory to understand epidemic waves and thus developed new methods for a spatial analysis of epidemics (Haggett 2000). Building on the classical works of Hägerstrand and Haggett, we research the spatiality of epidemic diffusion by combining it with the TPSN-heuristic developed by Jessop et al. (2008). Here, the four categories of space (territory, place, scale, network) are analyzed in order to understand diffusion as a combination of socio-spatial processes.

Empirically the workshop draws on the analysis of the spatial spread of COVID-19 in Germany. Especially the first wave of COVID-19 infections in Germany in 2020 will be analyzed from a diffusion perspective. By integrating the four relevant dimensions of space from the TPSN framework into classical diffusion theory, key processes of disease diffusion in space will be identified. Epidemiological indicators are then used as proxies for a model of epidemic diffusion.

16:00 | Panel Meet the Editors and Reviewers

(in alphabetical order)



Prof. Dr. Ulrike Beisel | Freie Universität Berlin

For discription please see page 10



Prof. Dr. Michael Emch | University of North Carolina at Chapel Hil

For discription please see page 10



Prof. Dr. Oliver Ibert | Leibniz Institute for Research on Society and Space

In July 2019 Oliver Ibert took over the position of the director of the Leibniz Institute for Research on Society and Space and Professor of Socio-Spatial Transformation at the Brandenburg University of Technology Cottbus-Senftenberg. From 2009–2019 he was professor of Economic Geography at the Freie Universität Berlin. In 1991 he started to study the topics Geography (major), German Literature and Political Sciences (both minor) at the Carl von Ossietzky University of Oldenburg and obtained his master's degree in 1997. In 2002 he acquired his PhD at the University of Oldenburg and in 2009 he completed his post-doctoral habilitation thesis at the University of Bonn. In summer 2014 Oliver Ibert was a visiting professor at the Department of Political Sciences at the University of Toronto and in autumn 2018 he was a Hallsworth Visiting Professor at the Department of Geography at Manchester University. He is a member of the editorial board of "Raumforschung und Raumordnung | Spatial Planning and Research" and acts as a spokesperson of the working group "Concepts of Crisis" as a part of the Leibniz Research Alliance "Crises in a globalized world". Since 2021 Oliver acts as spokesperson of the Leibniz Research Network "Spatial Knowledge for Society and the Environment - Leibniz R".



Joanna Kusiak | University of Cambridge

Dr Joanna Kusiak is an interdisciplinary urban researcher and writer at King's College, University of Cambridge. Since 2019 she is the Director of Studies in Geography at the King's College. Her research focuses on law, legal engineering and the transformation of urban property regime, thinking from the Global East: Epistemologies of Chaos and Semi-Alterity and Machiavellian Methodologies: Critical legal engineering and agonistic action research.

16:00 Panel
Meet the Editors and
Reviewers

18:00 *Free Time Participants*

From 2016 – 2018 she was postdoctoral research fellow at the Department of Sociology, University of Vienna and before she worked as Assistant Lecturer at the Centre for the Culture of Place, Warsaw Academy of Fine Arts. She was Visiting Researcher at the Institute of Urban and Regional Development, University of California, Berkeley, the Urban Laboratory/Department of Geography, University College of London, Berlin Graduate School of Social Science, Humboldt University of Berlin and at the Department of Political Science/Department of Anthropology, The Graduate Center, The City University of New York. She studied sociology at the University of Warsaw and holds a PhD in Sociology from Technische Universität Darmstadt. Dr Kusiak received many scholarships and awards. Most recently she received the IJURR 2019 Best Article Award “for the article that makes most original and outstanding contribution to our understanding of cities and urbanization”, International Journal of Urban and Regional Research, 2019. Joanna Kusiak is corresponding editor for The International Journal of Urban and Regional Research and in the editorial board for Eurasian Geography and Economics and Miesce.



Örjan Sjöberg | Stockholm School of Economics

Örjan Sjöberg is Professor of Economic Geography at the Stockholm School of Economics (SSE), a position he has held since 2001. He is also one of three Research Directors at the Centre for Sustainability Research at SSE. Örjan received his PhD in Human Geography at Uppsala University in 1991 after which he received an assistant professorship at SSE's then Dept. of International Economics and Geography. Over the thirty years since he has taught courses at all academic levels, including on economic geography, international economics, globalisation, institutions and economic development, Asian and transition economies, urban studies as well as business and climate change. In addition to being the author of a monograph on rural change and development under central planning – the PhD, pursued in parallel, focused on migration, urbanisation and labour markets, also that in the setting of a centrally planned one-party state – he has published several edited volumes on various subjects. His articles have appeared in journals such as Annals of the Association of American Geographers, Economic Geography, Environment and Planning A, Geoforum, International Journal of Urban and Regional Research, Tijdschrift voor Economische en Sociale Geografie, Urban Studies and in several area studies journals. Current research focuses on urban sustainability and on issues related to the integration of migrants. From 2004 to 2016 Örjan served as Editor and Editor-in-Chief of Geografiska Annaler: Series B, Human Geography and he is currently a member of the Editorial Board of Eurasian Geography and Economics. Over the years, he has also served as ad hoc peer reviewer for some thirty-odd journals across the social sciences.



Dr. Natascha Bing | German Red Cross

Dr. Natascha Bing works as a research associate at German Red Cross (GRC), International Division Berlin. She supports in the adaptation of humanitarian approaches to the urban context and assists in defining and implementing methodological quality throughout the projects. This includes the evaluation of latest research findings and the implementation into innovative pilot projects. Natascha holds a PhD in African Studies.



Franziska Kellerhaus | German Red Cross

Franziska Kellerhaus works as the Health Cluster Lead in the International Cooperation Division of the German Red Cross (GRC) in Berlin. In this function, she supports the health-related projects of GRC abroad and engages in the development or roll-out of conceptual approaches. This includes work on community-based epidemic preparedness and response, as well as on anticipatory action for disease outbreaks. Franziska holds a MSc in Public Health from the London School of Hygiene and Tropical Medicine.

9:00	<p>Three Doing-Research Workshops (parallel)</p> <p>a) Researching and Mapping More-than-human Geographies of Health <i>Ulrike Beisel</i></p> <p>b) "Coping with the Adventure of Archival Encounters" <i>Andrea Wiegeshoff & Rita Gudermann</i></p> <p>c) Pandemic Geographies: Conceptualizing Spatial Diffusion with TPSN (Territory, Place, Scale, Network) <i>Andreas Kuebart & Martin Stabler</i></p>
10:30	<p>Anticipatory Action for Disease Outbreaks</p> <p><i>German Red Cross (DRK)</i> <i>Dr. Natascha Bing & Franziska Kellerhaus</i></p>
12:00	Lunch
12:30	Paper Pitch II
14:30	Coffee Break
15:00	Paper Pitch III
16:30	Closing Panel
17:00	Farewell

10:30 | German Red Cross

Anticipatory Action for Disease Outbreaks

Dr. Natascha Bing & Franziska Kellerhaus

Epidemics have become more frequent, they spread faster and more widely – influenced and compounded by the interrelated trends of climate change, urbanisation, and globalisation. These infectious disease outbreaks not only lead to adverse health outcomes, such as increased mortality and morbidity, but can also have devastating socio-economic effects. Humanitarian actors are therefore called to act in coordination with relevant institutions and authorities. Focus lies on preventing or mitigating disease outbreaks by establishing relevant prevention measures, on preparing for a potential outbreak by for instance putting preparedness plans and surveillance systems in place, and on providing adequate and timely response once an outbreak has been confirmed. Yet, what if disease outbreaks could be forecasted and early actions be implemented based on triggers from relevant data before the outbreak actually occurs or before it reaches scale?

There is wide-ranging experience and evidence in terms of modelling hydro-meteorological hazards (such as floods or cyclones) and using these for forecast-based early actions. For humanitarian action this includes that relevant funding is released based on triggers to act ahead of the disaster and not only after the hazard occurred – allowing to save more lives and livelihoods. As infectious disease modelers and data scientists work on forecasting disease outbreaks, it is therefore explored how early action protocols can be developed for epidemics.

As part of the Red Cross Red Crescent Movement, German RC is a lead actor in the field of anticipatory action (see Anticipation Hub) and provides support in epidemic preparedness and response. Current efforts focus on bringing the two together by making tools and mechanisms of anticipatory action work for infectious disease outbreak. This includes investigating how common parameters of anticipatory action can be transferred to epidemics, which actions and tools can be built upon, and which specific challenges when looking at disease outbreaks as the hazard.

Against this background, the presentation will be guided by the following questions: How do we prepare and respond to epidemics in humanitarian action? How can we best utilize the possibilities of forecasting disease outbreaks which would allow us to act ahead of the epidemic curve? How much does space and local action matter to understand infections, and to prevent or contain the geographical spread of an outbreak?

15:00 | Doing-Research Workshops

b) "Coping with the Adventure of Archival Encounters"

Andrea Wiegeshoff & Rita Gudermann

c) Pandemic Geographies: Conceptualizing Spatial Diffusion with TPSN (Territory, Place, Scale, Network)

Dr. Andreas Kuebart & Martin Stabler

For discription please see page 13 and 15



IRS Spring Academy 2019

PARTICIPANTS

Olusola Adeoye

Lagos State University

Olusola Adeoye is a PhD candidate at Lagos State University. He holds a Master of Arts, Peace and Conflict Studies (Environmental Conflicts) and a Bachelor of Arts, French Studies from University of Ibadan, Ibadan, Nigeria. His research experience includes a NAM Fellowship (2019) at the Leibniz Centre for Tropical Marine Research, Bremen, Germany (2019) on "Assessment of opportunities of contemporary approaches to coastal community development and resource governance", as well as a research fellowship at the Technical University of Braunschweig, Germany (2014) on Water Management in Developing Countries. Olusola has professional experience as teaching assistant and field researcher on Lake Chad at the University of Ibadan. He is the current head of Redesigning Lagos Lagoon Project at Nature Cares Resource Centre, Lagos Nigeria as well as principal investigator for "Building Urban Community Network for Sustainable Cities in Africa". An early career professional project being funded by Belmont Forum.

Manfredi de Bernard

King's College

He is a PhD student at the Culture, Media and Creative Industries department at the King's College of London. In his project, he explores the UK theatre ecosystem through the movements of its workers and the tools of network science. Both the case study and methodology led my interest in the field of economic geography, cultural policy and creative labour.

Chukwuemeka Vincent Chukwuemeka

Princeton Institute for International and Regional Studies

is a multi-disciplinary designer and currently, a 2021–2022 Princeton–Mellon / Princeton Institute for International and Regional Studies (PIIRS) postdoctoral fellow in Architecture, Urbanism & the Humanities. His research focuses on creating new frameworks and tools to rethink design and planning in developing contexts amidst extreme uncertainties, and towards livable urban futures. Chukwuemeka obtained his Doctor of Architecture degree (PhD) from KU Leuven, with the Interfacultaire Raad voor Ontwikkelingssamenwerking (IRO) full doctoral scholarship, awarded to outstanding international scholars in Belgium. His doctoral research explored the emergent dynamics of space productions in rapidly growing cities in Africa using Onitsha markets in Nigeria as a case study. Chukwuemeka also obtained his Master of Arts in Architecture degree (MA) from Hochschule Anhalt (DIA Dessau-Bauhaus), and graduated with Deutscher Akademischer Austauschdienst (DAAD) Prize, which is awarded for outstanding achievements of international students at German universities. Prior to Princeton, he has led the design and development of several projects in Nigeria, and has also taught and critiqued design studios at KU Leuven in Belgium, ETH Zurich in Switzerland, DIA Dessau-Bauhaus and Leibniz Universität Hannover in Germany. In fall 2022, he joins the inaugural cohort of Sugarman Practitioner in Residence at the Kahneman-Treisman Center for Behavioral Science and Public Policy, at the Princeton School of Public and International Affairs (SPIA), where he will be applying behavioral sciences tools and emergent systems thinking to address sanitation challenges in cities.

Stella Danek

Charité & Robert Koch Institute | McKinsey

Stella Danek is a doctoral researcher and strategy consultant. She is passionate about innovation at the intersection of public and private sector in healthcare with the objective to optimize provision of and access to healthcare for all. Her doctoral research focuses on the evaluation of adhoc structures for pandemic response, specifically mass vaccination centers, with Charité Berlin and RKI.



Prior to starting her doctorate, she worked as advisor for COVID crisis response at the German Federal Ministry of Health. Among others, coordinating the development of a COVID testing and vaccination strategy as well as a real-time vaccination quota monitoring tool. She furthermore, was head of special operations for the Berlin-based vaccination centers Tegel and Arena. In her work as strategy consultant, she advises clients in the Public Health, Pharma and MedTech sectors on market access and business strategy. Next to her doctoral research, she currently works on digital health innovation as contributor to McKinsey's eHealth Monitor and member of McKinsey's Health Tech Network.

Varun Goel

University of North Carolina–Chapel Hill

is a Postdoctoral Scholar at the Carolina Population Center at the University of North Carolina–Chapel Hill. His overall research focuses on applying spatial epidemiological methods to examine how interactions between people and their environment drive infectious disease outcomes. His work spans multiple diseases, spatial scales, and settings, including research on swine flu in the United States and China, diarrheal diseases in Bangladesh and malaria in Sub-Saharan Africa. He has published in several health and geography journals including *Clinical Infectious Diseases*, *Social Science and Medicine*, *Health and Place*, *BMJ Global Health*, and *Science of the Total Environment*, among other peer-reviewed journals.

Hebatullah Galib

Ain Shams University

Hebatullah Galib is Assistant Professor at Department of Urban Design and Planning, Faculty of Engineering, Ain Shams University. She holds a BSc in Architectural Engineering, MSc and PhD Urban Planning. Several peer-reviewed publications of hers focused on Capital cities development and competitiveness. She Participated in international workshops in Latvia, UK, Germany, Belgium.

Yueyue Gao

University of Groningen

Yueyue is PhD student at the University of Groningen: "Living in Small County Cities: Motivations and Strategies of Return Migrants in County Seat". She holds a Master of Anthropology from Peking University: "Daily Life and Practice in the Life World: An Ethnography of a Mountain Village in Middle China". From 2012–2016 she completed her Bachelor of Arts degree in History, Ethnology at Lanzhou University, on: "The Study of Gouji Game in the West of Shandong by Using Interpretive Anthropology".

Charles Yan Guo

Università Iuav di Venezia | Brandenburg University of Technology Cottbus–Senftenberg | IRS

Charles joined the IRS in the Department "Dynamics of Communication, Knowledge and Spatial Development" as a guest PhD candidate since May 2017 with a European joint-doctorate (co-tutelle) convention from Istituto Universitario di Architettura di Venezia (University IUAV of Venice, Italy), together with Brandenburg Technical University (BTU Cottbus–Senftenberg, Germany). After his diploma of architecture in China (Yangtze University, 2007, Summa Cum Laude), Charles came to Europe for his further studies in urbanism. He holds an M.Sc. in Urbanism and a post-graduate European Master in Urbanism (EMU) from Delft University of Technology (TU Delft) and Catholic University of Leuven (KU Leuven). Following the Great Sichuan Earthquake (2008), he initiated, coordinated and taught in an interdisciplinary design studio themed on Post-disaster Recoveries for Sichuan, at the Faculty of Architecture at TU Delft and Southwest Jiaotong University in China (2010). Since 2011, he started his PhD on the field of post-disaster urbanism at IUAV Venice. He has also been a guest tutor/lecturer at University of Padua, Keio University, Tongji

University and Chongqing University. In 2012, he has guest-edited a special issue of Disaster and Urbanism for the International Journal of Disaster Risk Sciences with Beijing Normal University and Springer. Apart from his academic development, Charles has also been involved in various cultural projects, such as assistant curators at La Biennale di Venezia (Arts, 2013) and La Biennale di Venezia (Architecture, 2014), and as an exhibition artist at the Urbanism Architecture Bi-City Biennial (UABB) of Shenzhen-Hongkong (2013-2014).

Tjorven Harmsen

University of Freiburg

Tjorven Harmsen has recently joined the Centre for Security and Society (CSS) at the University of Freiburg. She explores the COVID-19 pandemic in the BMBF-funded project "LegiNot" that focuses on the legitimization of emergencies. From 12/2017 until 03/2022 she worked at the IRS, researching the role of expert advice in crisis situations ("RESKIU"). In this context she developed her ongoing dissertation project, a systems-theoretical view on maritime accidents. Prior, Tjorven studied sociology at the universities of Bremen and Jena.

Mennatullah Hendawy

Europa Universität Viadrina

Mennatullah Hendawy is an interdisciplinary urban planner working on the intersection of cities and technology towards justice driven interactions. She is a research associate at University of Massachusetts Amherst and a fellow at the Fellowship Program Datafication, European Societies of the European New School of Digital Studies (ENS) at European University Viadrina. She received her Ph.D. in Planning Building Environment from TU Berlin in Germany with a summa cum laude. Before pursuing her doctorate studies, in 2015, Mennatullah completed an MSc. in Integrated Urbanism and Sustainable Design with a focus on urban policies from Stuttgart University. She holds a Bachelor of Science in Architectural Engineering from Ain Shams University in Cairo, department of Urban planning and design. Mennatullah was a research associate at the Chair of Urban Design, TU Berlin. Since 2017, Mennatullah was a visiting researcher at the Leibniz Institute for Research on Society and Space between 2017-2021 and since 2012, she is a faculty member at the Department of Urban Planning and Design in Ain Shams University in Cairo, Egypt. Hendawy is co-founder of Cairo Urban AI, a project working on exploring the potentials of using artificial intelligence to develop just and sustainable cities.

Khadijeh Asadisarvestani

Charles University

Khadijeh Asadisarvestani is conducting her PhD research in Demography at Charles University, Czech Republic. She holds a Doctorate in Social Development from the Universiti Sains Malaysia, Malaysia, (2013-2016). She holds a Master in Demography, Population and Development from Shiraz University, Iran, and a Bachelor degree in Social Sciences, from the same university. She published widely since 2010 in renown journals on reproductive health fertility and relation with COVID-19.

Eva Katharina Platzer

Technical University of Darmstadt

works since 2019 as a research assistant at the Research Training Group KRITIS "Construction, Functional Crises and Protection in Cities" and is currently doing her PhD on "Security Governance for Critical Infrastructure Protection" at the Institute of Political Science under the supervision of Prof. Dr. Michèle Knodt at the Technical University of Darmstadt. She graduated 2017 in cultural geography at the FAU Erlangen-Nuremberg where she had been working on the topic of critical infrastructures and disaster management in Germany since 2013. Her research focuses on security studies, governance and implementation research and political geography. Prior to her PhD-Project, she

worked as an Expert Security Management in the Group Security of R+V Insurance and has been a regular guest lecturer at the Federal Academy for Civil Protection and Civil Security (BABZ) since 2015. She has also recently become a special advisor for medical services in the crisis staff for Malteser Hilfsdienst in the city of Frankfurt am Main.

Sven Rohleder

University of Bielefeld

Sven Rohleder is a PhD student at the University Bielefeld, School of Public Health, Department of Population Medicine and Health Services Research. He holds a Master of Science in Health Services Research and Implementation Science from Ruprecht-Karls-University Heidelberg. He is currently working in cooperation with the Robert Koch-Institute (RKI) in the "StopptCovid"-project, and coordinates the associated sub-project "Covid-19 Pandemic Policy Monitor (COV-PPM)" at University Bielefeld. His methodological focus is on spatiotemporal pattern of infectious diseases with a strong focus on social-epidemiological research questions using Bayesian approaches.

Sebastian Specht

Leibniz Institute for Regional Geography

Sebastian Specht studied cartography at the University of Applied Sciences Dresden from 1996 to 2000 (engineering degree) and Digital Media at the University of Applied Sciences Bremerhaven, the University of Bremen and the University of the Arts Bremen from 2004 to 2007 (M.Sc.). He is working as a cartographer, software developer and researcher, first at the Leibniz Institute for Regional Geography Leipzig, department of cartography and visual communication (from 2001 to 2016), and at OFFIS Oldenburg, department Data Management and Analysis for Health Services Research, since 2017. Embedded within Dutch-German "Cross-Border Institute of Healthcare Systems and Prevention" (CBI), he takes part in setting up the data infrastructure for the creation of multidisciplinary cross-border healthcare research.

Martin Stabler

Leibniz Institute for Research on Society and Space

Martin Stabler studied geography at the Freie Universität of Berlin. His bachelor thesis dealt with microfinance projects in the Gunt Valley of the West Pamir in Tajikistan. In the master's program "Geographical Development Studies" at the FU-Berlin, field research in Kyrgyzstan followed in a project investigating water supply in rural areas. In his master's thesis, Martin Stabler dealt with the spatialization of crises and conducted a discourse analysis on the European crisis in the context of migration movements in 2015. From 2020 to 2022, he worked as a researcher at Freie Universität Berlin in the DFG-funded research project "Small is beautiful? Rural transformation and production networks of smallholder tea farming in Assam, India." Since February 2022 Martin Stabler is a research associate in the project "Socio-spatial Diffusion of COVID-19 in Germany (CoDiff)" of the research focus "Economy and Civil Society". His research interests include topics in human and economic geography such as global production networks, global value chains, spatial diffusion, and TPSN.

Sebastian Sterl

Freie Universität Berlin

Sebastian Sterl studied Sociology and Economics and Management Science with a focus on quantitative methods and econometrics at the Universität Leipzig. From 2017 to 2020 he worked as scientific researcher at GESIS – Leibniz Institute for the Social Sciences (Cologne) in a DFG-project being responsible for harmonizing and synthesizing survey data from different data infrastructures. As of 2021, he has joined the Interdisciplinary Security Research Group at Freie Universität Berlin as scientific researcher where he first worked in a BMBF-project on the psychosocial situation of the population during Covid-19. There, he conducted and analyzed several population surveys on risk perception, coping strategies and vaccination behavior and developed an App (together with Fraunhofer FOKUS)

measuring situational risk perception, protective behavior and related situation characteristics in the Corona-context. After finishing this project, he has now been working in a further BMBF-project "Coping with psychosocial situations in crises and catastrophes" (PsychoKat) where he is mainly responsible for developing and measuring a psychosocial situation monitoring of the population through panel and special surveys linking spatial context information to survey data.

Charlotte Vael

Newcastle University

Charlotte is a Lecturer in Landscape (Architecture) at Newcastle University with a BA, MA and PhD in Human Geography. She often works within multi-disciplinary research teams and has a track record of developing creative, experimental, and artful methodologies. Her research is informed by critical social scientific thinking and theories of interspecies relations and more-than-human entanglements, through which she foregrounds the microbial as non-human actant producing new geographies (e.g., of infection) and co-designer of landscapes. Crosscutting her research portfolio is a concern with bodies and security and the complex techniques and technologies through which individuals are co-opted into adopting complex behaviours and practices at a variety of scales; the performance and practice of risk, security, ambivalence, and care of self and other; and non-cognitive, multi-sensual approaches to the material and affective forces of aeolian landscapes. These research interests have been developed through previous work on antimicrobial resistance and current empirical research (as Co-I) on a UKRI COVID-19 Rapid Response Grant on infection prevention practices in indoor environments where unacquainted others share space and a series of public engagement projects concerned with enriching microbial literacy.

Pau de Yebra

Leibniz Institute of Freshwater Ecology and Inland Fisheries & Leibniz Institute for Zoo & Wildlife Research

Pau studied a BSc in Microbiology at the Autonomous University of Barcelona (UAB) followed by a MSc in Bioinformatics in the Open University of Catalonia (UOC). Among his current interests are the design and implementation of strategies for disease control and prevention together with the transmission pathways of infectious agents and the spread of these in densely populated areas. He is also interested in the interconnection between animal and human diseases as exposed by the One Health approach. Finally Pau is keen on learning more about waterborne diseases and the impact of urbanization on the spread of antimicrobial resistance (AMR) in the environment.

Adrian Zachariae

Humboldt University of Berlin & Robert Koch Institute

Adrian is a PhD Student working in the Complex Systems Group at the Humboldt University of Berlin in affiliation with the Robert Koch Institute. His research focuses on the dynamic interplay between human mobility changes in the pandemic and the global spread of variants.

Directions from Berlin Brandenburg Airport (BER) "Willy Brandt" to Erkner/City Center

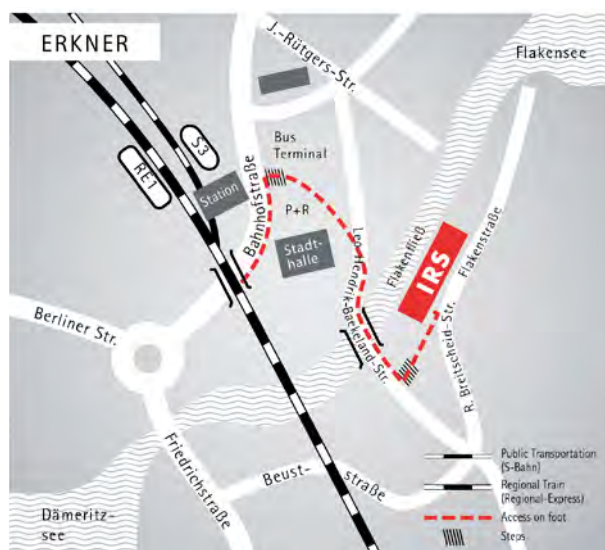
At Terminal 1-2, board the FEX airport express train and travel to Ostkreuz station. Alternatively, you can take the regional express RE7 or the S-Bahn train S9 to Ostbahnhof station. From Ostkreuz station (alternatively Ostbahnhof), take the regional express RE1 eastbound (to Frankfurt/Oder, Cottbus or Fürstenwalde) to Erkner station. Alternatively, you can use the S-Bahn train S3 with final stop Erkner from either Ostkreuz or Ostbahnhof.

Please purchase a single ABC ticket.



Getting from Erkner Train Station to the IRS

Exiting the train station, please turn into the Bahnhofstraße, passing the cabstand and take the stairs, which lead to a large parking lot. From there you need to pass the "Stadthalle" and then keep to your right. From there you will already see the IRS. You need to cross the street and the bridge. At the end of the bridge, you need to take the stairs which lead to a footpath that directly brings you to the IRS.



Leibniz Institute for Research on Society and Space (IRS)
 Flakenstraße 29-31 | 155337 Erkner
 phone: +49 3362 793 160

Accommodation

Some of you will be accommodated in the InterCity-Hotel Berlin Ostbahnhof. It is conveniently located in Berlin next to the "Ostbahnhof" train station, just two train stops away from Erkner. The Spree River is within walking distance. Amenities include a breakfast buffet and an ABC ticket, granting use of local public transport in Berlin, incl. Erkner. The lobby will be open 24/7. Check-in at the hotel starts at 3 p.m. You can leave your luggage at the hotel before the check-in.

You can find more information here:

:: www.intercityhotel.com/en/hotels/all-hotels/germany/berlin/intercityhotel-berlin-ostbahnhof

InterCityHotel Berlin Ostbahnhof
Am Ostbahnhof 5 | 10243 Berlin
phone: +49 30 29368 0

Walk and Talk

Strandbad Plötzensee
Nordufer 26, 13351 Berlin



Entrance building of the Strandbad Plötzensee



Flakenstraße 29 – 31

15537 Erkner

Germany

phone: +49 3362 793 0

springacademy@leibniz-irs.de

www.leibniz-irs.de