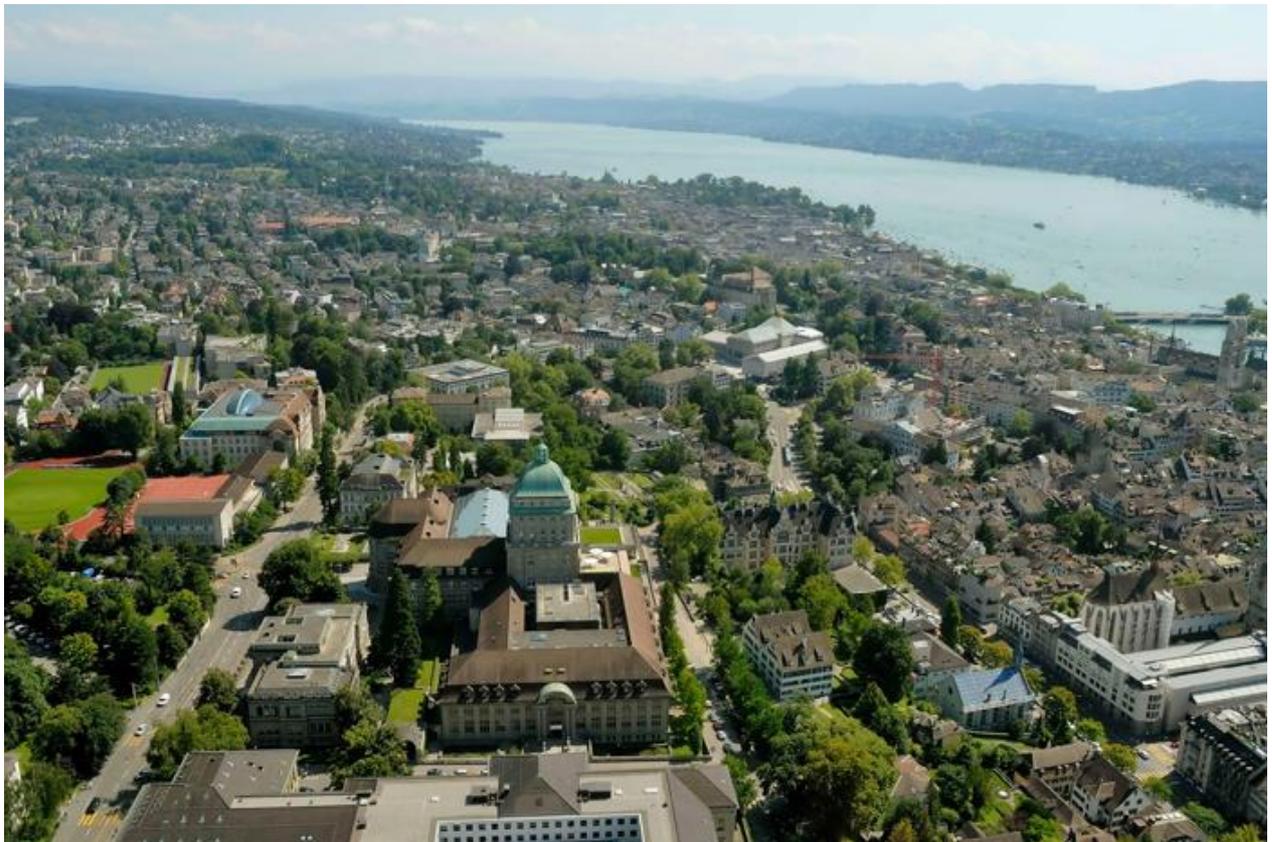


Zurich Summer School for Women in Political Methodology

30 June - 6 July 2019, University of Zurich

Program Booklet



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Funding by the UZH Faculty of Arts and Sciences, the Center for Comparative and International Studies (CIS) of the UZH and ETH, and the Department of Political Science (UZH) are gratefully acknowledged.

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Welcome!

Welcome to the Zurich Summer School for Women in Political Methodology! We are very happy to have you all in Zurich!

During this week, we seek to promote technical skills, provide mentorship, and encourage networking and peer support for women working in the quantitative social sciences, in particular political science. For 7 days, participants will receive training on six different computational methods. Participants will also have the opportunity of networking with up-and-coming and established scholars from their fields, becoming members of a mentoring network, and completing a project to assist their research during the workshop.

All classes take place in the building of the Faculty of Law of the University of Zurich, which is located next to the main building, at Rämistrasse 74, 8006 Zürich.

Enjoy this week!

Anita, Denise, Malu, Theresa, Korinna and Céline

Program Overview

Day	Morning (9.00 - 12.30)	Lunch (12.30 - 13.30)	Afternoon 13.30 - 17.30	Evening (17.30 onwards)
Sun, 30.6.	-	-	15:00 Sign in + Key-note Lecture <i>(Volkshaus Zürich)</i>	Drinks & Dinner (Pizza)
Mon. 1.7.	Writing Functions <i>(RAI-F-041)</i>	Lunch	Web Scraping <i>(RAI-F-041)</i>	Dinner (self-organized)
Tues, 2.7.	Text Analysis <i>(RAI-F-041)</i>	Brown Bag Lunch	Text Analysis <i>(RAI-F-041)</i>	Dinner (self-organized)
Wed, 3.7.	Simulations <i>(RAI-F-041)</i>	Lunch	Advanced Graphics <i>(RAI-F-041)</i>	Dinner (self-organized)
Thu, 4.7.	<i>Social (free) time (self-organized lunch)</i>		Social Network Analysis <i>(RAI-F-041)</i>	Dinner (self-organized)
Fri, 5.7.	Social Network Analysis <i>(RAI-F-041)</i>	Lunch	Social Network Analysis <i>(RAI-F-041)</i>	Dinner
Sat, 6.7.	Hackathon [work on own project] <i>(RAI-F-041)</i>			-

Bio Organizers

Anita Gohdes

Anita Gohdes is Professor of International and Cyber Security at the Hertie School of Governance. Her research focuses on contentious politics in the cyber realm, with a current emphasis on large-scale quantitative analyses of state behaviour. Previously, she was Assistant Professor of International Relations at the University of Zurich, and postdoctoral research fellow at Harvard Kennedy School's Belfer Center



International Security Program. Since 2009, she has worked for the California-based non-profit organisation Human Rights Data Analysis Group. She currently advises the German Federal Foreign Office, and has consulted for the World Bank and the United Nations on security and state fragility. Her research has appeared or is forthcoming in *American Journal of Political Science*, *Journal of Peace Research*, *Journal of Conflict Resolution*, among others.

Denise Traber

Denise Traber is a senior research fellow (SNF Ambizione) at the University of Luzern. Previously, she was a Postdoc at the Department of Political Science at the University of Zurich. She studied political science, social anthropology and history at the University of Zurich and received her PhD from the University of Geneva. While completing her PhD thesis she was a visitor at the London School of Economics and Political Science. Denise's research focuses on party competition, political representation, and political behavior in Europe. Her work has appeared in the *European Journal of Political Research*, *Comparative Political Studies*, *West European Politics and Political Science Research and Methods* (among others).



She is also coauthor of a book on Swiss consensus democracy published by Palgrave.

Malu A. C. Gatto

Malu A. C. Gatto is Assistant Professor of Latin American Politics at the Institute of the Americas at University College London (UCL). Until July 2019, she will also be a senior researcher (Oberassistentin) at the Department of Political Science of the University of Zurich. Previously, she was at the Department of Politics and International Relations of the University of Oxford, where she completed her PhD (2016). Her research explores questions about the gendered dynamics of political behavior, representation, and policy-making with a regional focus on Latin America, especially Brazil. For instance, she is currently developing projects on why male legislators adopt gender quotas; the impact of Dilma Rousseff's impeachment to the perception of women in politics in Brazil; how informal recruitment and appointment practices affect women's political presence; and, the gendered consequences of political dynasties.



Theresa Gessler

Theresa Gessler is a researcher at the Chair of Public Policy at the University of Zurich. She is completing her doctorate at the European University Institute where her PhD thesis examines political competition on the issues of democracy and immigration. and a PhD Candidate at the European University Institute. As part of her PhD, she was also involved in the ERC research project Political Conflict in Europe in the Shadow of the Great Recession (POLCON). Before that, she studied at Central European University which has left her with a lasting interest in Hungarian and Eastern European Politics.

At the University of Zurich, she is part of the Digital Democracy Lab. Her current research focusses on democracy, political participation and the impact of populism. Methodologically, she is interested in text analysis, computational social science and, of course, webscraping.



Korinna Lindemann

Korinna Lindemann is a Master's degree candidate at the University of Zurich with an emphasis on Democracy, Development and International Relations as well as Political Datajournalism. Currently, she is writing her Master's thesis at the Chair of Political Methodology. Korinna completed her Bachelor's degree in Communication and Media Science as her major and Political Science as her minor. She works as a student research assistant at the Department of Political Science of the University of Zurich / Centre of Democracy Studies Aarau (ZDA) on the next update for the Democracy Barometer and is a tutor at the Chair of Political Methodology and at the Department of Communication and Media Research. Previously, she completed a research internship at the Chair of Political Methodology and worked at the media analysis company Argus Data Insights Schweiz.



Céline Neuenschwander

Céline Neuenschwander is a Master's degree candidate at the University of Zurich specializing in the field of Philosophy and Political Economy. She submitted her master's thesis on the design and implementation of IMF conditionality in borrowing countries. Céline works as a student assistant at the Chair of International Relations and Political Economy and as a collaborator at the Think Tank Avenir Suisse. Prior to that, Céline received her Bachelor's degree in Political Science and Media and Communication Sciences from the University of Zurich and worked as a political risk analyst at Soliswiss - Cooperative of Swiss Abroad.



Bio Speakers

Frauke Kreuter (Keynote Speaker)

Frauke Kreuter is Professor in the Joint Program in Survey Methodology at the University of Maryland, Professor of Methods and Statistics at the University of Mannheim, and head of the statistical methods group at the German Institute for Employment Research in Nuremberg. Previously, she held positions in the Department of Statistics at the University of California, Los Angeles, and the Department of Statistics at the Ludwig-Maximilian's University of Munich. In the past year she was a visiting scholar at the Simons Institute for the Theory of Computing at the University of



California, Berkeley, visiting scholar at Stanford University, and Facebook. Frauke serves on several advisory boards for National Statistical Institutes around the world, and within the Federal Statistical System in the United States. Frauke received the inaugural Links Lecture Award of the American Statistical Association, a Gertrude Cox Award winner, which recognizes statisticians in early- to mid-career who have made significant breakthroughs in statistical practice, and an elected fellow of the American Statistical Association. Additionally, she is co-founder of the Coleridge Initiative and founder of the International Program in Survey and Data Science.

Amuitz Garmendia Madariaga

Amuitz Garmendia is an Assistant Professor of Political Science in the Department of Social Sciences at Universidad Carlos III in Madrid, and a Fellow Member of the Carlos III - Juan March Institute. She received her Ph.D from the Department of Political Science at Binghamton University, where she arrived as a Fulbright grantee. Before moving to Madrid, she was a Max Weber Postdoctoral Fellow in the Department of Social and Political Science at the European University Institute in Florence.



Her primary areas of research include comparative political economy and multilevel politics. Her work focuses on the determinants of the strategic interaction between actors in multilevel democracies. Broadly speaking, she studies the institutions that shape the goals and incentives

within federations. Therefore, she is interested in questions of federal political economy and in the theoretical and empirical implications for multilevel elections, political parties, and individuals' political behavior. Parts of her research have appeared or are forthcoming in *Electoral Studies*, *European Union Politics* and *West European Politics*.

Franziska Keller

Franziska Barbara Keller has received her PhD from New York University's Department of Politics in 2015. After a postdoc at Columbia University's Harriman Institute and at the School for Global Policy and Strategy at the University of California, San Diego, she is now Assistant Professor at Hong Kong University of Science and Technology's Social Science Division. Her research focuses on relations among political elites in authoritarian regimes and covert social media campaigns. She has contributed to the Palgrave Handbook of Political Elites and has co-authored a textbook on Social Network Analysis published by SAGE. Her research has appeared or is forthcoming in the *Journal of East Asian Studies*, the *Journal of Intercultural Studies*, and the proceedings of the International Conference on Web and Social Media.



Judith Spirig

Judith Spirig is a postdoctoral researcher at the Department of Political Science's Chair of Political Methodology. After BA studies at the University of Basel in philosophy, economics and English literature, she completed an MSc in International Development and Humanitarian Emergencies at the London School of Economics and Political Science in 2011/2012. In 2015, she received one of the Swiss National Science Foundation's Doc.CH grants to write her doctoral thesis on factors influencing asylum appeal decisions at the Swiss Federal Administrative Court. In 2016 and 2017, she continued her research at the LSE's Government Department and Stanford University's Political Science Department and Immigration Policy Lab before defending her dissertation in spring 2018. Her main research interests include asylum and refugee issues, as well as discrimination against and attitudes toward out-groups.



Bio Participants

Nino Abzianidze

Nino Abzianidze is a visiting post-doctoral research fellow at the Department of Political Science at CEU, Budapest. Her postdoctoral position is funded by the Early Postdoc Mobility Grant, which she has received from the Swiss National Science Foundation (SNSF). Before, Nino has worked at the University of Copenhagen, Denmark and the Center for Democracy Studies in Aarau, Switzerland. She has received her PhD from the University of Zurich in 2017. During her doctoral studies, she has also spent a semester at the School of Media and Communication, University of Leeds, UK. Her research interests revolve around the issues of political communication in ethnically divided societies of democratizing countries and its implications for potential civil conflicts. This has been articulated in her research on the structures and dynamics of nationalist discourse in the Georgian print media over the democratization period of the country as well as in her work on the link between ethnically segmented media and the danger of civil conflicts in post-soviet countries. A common thread across her research is an interdisciplinary approach attempting to bridge the propositions of civil conflict literature to the premises of communication science. Nino has also taught courses on nationalism, media and democracy at the University of Zurich and the University of Fribourg.



Palmo Brunner

Since July 2017, Palmo Brunner is a PhD candidate and teaching assistant at Prof. Daniel Kübler's chair «Democracy and Public Governance». Born 1987 in Zurich, 2011-2014 BA studies in Political Science and Modern History, 2014-2016 MA studies in political science with the track «Democracy, Development and International Relations» at the University of Zurich. While studying, she was a tutor at the chair «Political Methodology». Palmo wrote her Master's thesis on the topic «Protesting electoral façades - Contention as a way toward more electoral quality in non-democratic regimes?». Earlier, she completed a Bachelor of Science in Nursing at the Zurich University of Applied Sciences and worked besides her studies as a nurse and instructor.



Ladina Cavelti

Ladina Cavelti works at the Criminological Institute of Law at the University of Zurich (UZH). Previously, she completed her Master's degree in Psychology (MSc of Psychology) at the University of Zurich. As a research assistant at the Criminological Institute she has worked on projects for the police department of the city of Zurich such as on a report on violence and threat against police officers from groups and projects for the police department of the canton of Zurich about the satisfaction of victims (violent crimes, burglary and traffic offences) with the police and their work. She is hoping to get started on her PhD thesis on workplace violence and threats in Switzerland this year. As a research assistant she has been able to gain experience in holding lectures in Criminology at the University and giving presentations at conferences. Ladina's research focuses on policing and the perception of police work, crime prevention in particular so called technical crime prevention measures, psychological manipulation like social engineering and currently on predictive policing and the algorithms and the use of algorithms to prevent crimes.



Sarah Engler

Sarah Engler is a Postdoctoral Researcher at the University of Zurich and the Centre of Democracy Studies Aarau (ZDA). After studying at the University of Bern and a research stay at the European University Institute (EUI), she completed her PhD in Political Science in fall 2018. Her thesis analyzed the survival and transformation of centrist anti-establishment parties in Central and Eastern Europe. Her research interests include party polarization, populism and its implications for liberal democracies in Western and Eastern Europe. She is currently working on a new project that explores the politicization of democratic principles and in which they analyze social media content and press releases of parties. Previous work has been published in *West European Politics* (2016 and 2019).



Viktor Eriksson

Originally from Sweden, I am currently a first-year sociology PhD student at University of Aberdeen, Scotland. My research interests are gender, voting behaviour, political attitudes, and regionalism. More specifically, my doctoral project explores gendered Scottish constitutional preferences through secondary analysis of survey data. I have previously completed an MA (Hons) in



Politics and Sociology and an Mres in Social Research at University of Aberdeen. When not in the office, I can be found hiking and/or spending time with friends.

Nadine Golinelli

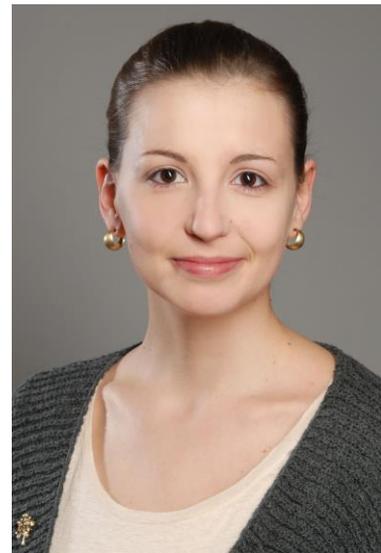
I have finished my bachelor's degree in Political Science and Sociology at the University of Zurich in summer 2018. In my bachelor thesis I analyzed how environmental awareness is associated with the support for free trade. This was especially interesting in light of the recent debate about the TTIP agreement regarding its impact of free trade on social and environmental standards. Currently, I am enrolled in the "Master in Comparative and International Studies" (MACIS) at the ETH and University of Zurich. As the program of MACIS puts a strong emphasis on advanced research methods, I get to know many different quantitative research techniques. Since 2018 I have been working as a research assistant for Prof.



Dr. Lucas Leemann, whose research centers around democratic institutions, representation, and data science. There I can apply the acquired methods and get insight into the academic work in all its facets.

Carolin Herrmann

Since spring 2018, Carolin Herrmann has been working as a doctoral researcher at the newly founded Centre for Research on Civil Society for the project "Politizing Immigration" under the direction of Prof. Dr. Edgar Grande and Prof. Dr. Swen Hutter. The project investigates the driving forces and consequences of the politicization of migration issues in Western European democracies. By using the concept of politicization, the project aims at exploring the parties, party strategies and party constellations responsible for a politicization of immigration issues across political arenas. Carolin Herrmann's research is particularly interested in the relationship between politicisation and its impact on national immigration policies. Previously, from 2016, she worked as a research assistant in the Manifesto Research Project on Political Representation (MARPOR) in the Department of Democracy and Democratisation at the WZB, where she was employed as a student assistant since autumn 2015 as well. In 2017 she completed her Master's degree in Political Science at the FU Berlin with a thesis on changes in policy preferences in German migration and integration policy in connection with the refugee crisis 2015. She holds a Bachelor's degree from the University of Potsdam in Roman Languages and Literature/Spanish Philology as well as Politics and Administration.



Zsuzsanna Magyar

Zsuzsanna Blanka Magyar is a Postdoctoral Fellow at the Institutions and Political Economy Research Group at the University of Barcelona. She has a Ph.D. in Political Science and an M.S. in Statistics from the University of California, Los Angeles. Her research focuses on party alliances, legislative oppositions, the influence of the party system on policy outcomes, and the emergence of different party systems in Europe and in Asia.



Juliana Marques

Juliana Marques is a PhD candidate in Sociology at the Institute of Social and Political Studies at the State University of Rio de Janeiro (IESP-UERJ), Brazil, where she is affiliated with the Center for the Study of Wealth and Social Stratification. She is particularly interested in the influence of elite's perceptions and personal relations on public policy-making. Her PhD thesis is based on primary



sources, comprised of private materials such as letters, personal diaries, reports and speeches gathered by Brazilian political elites in the first half of the 20th century. The approach used for analyzing text data integrates computational techniques with textual analysis. Since 2014, Juliana has been working as research assistant at Fundação Getulio Vargas's School of Social Sciences (FGV CPDOC). Previously, she has worked as program officer at FGV's Center for International Relations. She holds a B.A. in Social Sciences from the Federal University of Rio de Janeiro (UFRJ) and a M.A. in Sociology and Anthropology from the same institution. Her research has been funded by CNPq (Brazil's National Council for Scientific and Technological Development), with scholarships during her undergraduate, master and doctoral studies.

Cosima Meyer

Cosima Meyer is a PhD candidate at the Doctoral Center in Social and Behavioral Science (CDSS) at the University of Mannheim. Motivated by the continuing recurrence of conflicts in the world, her research interest on conflict studies became increasingly focused on post-civil war stability. In her dissertation, Cosima analyzes leadership survival in post-conflict settings. Using a wide range of quantitative methods, she further explores questions of conflict elections and women's representation in post-conflict leadership positions. Cosima holds a Bachelor's as well as a Master's degree in



Political Science from the University of Mannheim and spent academic stays abroad at the Universitet Uppsala and Science Po Paris. She further extended both her theoretical and methodological skills at several workshops and summer schools (e.g., DataFest Germany, Olympic Summer Academy, and EITM Europe) in the past years. Beyond her academic passion, Cosima serves as the chairwoman of the Rationale Altruisten Mannheim e.V. – an association which supports young scholars in the field of social sciences at the University of Mannheim – and is an active member of WUMAN – a network for female scholars.

Cristina Monzer

Cristina Monzer is a PhD candidate in Political Communication at the Norwegian University of Science and Technology. Before joining the “Elections, values, and political communication” research group at NTNU, she studied Sociology at Ludwig Maximilian University in Munich, afterwards completing a Research Master’s in Communication Science at the University of Amsterdam. Her research interests include political communication, European international migration, frame-building processes and framing contests of political actors in the media. Methodologically, she is interested in comparative approaches, computational social sciences, and in advancing automated textual analysis methods that reconcile the pattern identification capabilities of computational techniques with the contextual sensitivity of discourse analyses. Her PhD project investigates the frame-building dynamics of immigration debates in competitive public discourse. The aims are twofold: (1) to identify changing patterns in public communication on immigration over time and (2) to explain why some frames become successful and others do not, seeking to explore how power operates in frame-building processes.



Patrícia Nabuco Martuscelli

Patrícia Nabuco Martuscelli is a Ph.D. Candidate in Political Science at the University of São Paulo (USP), Brazil. She is currently a AAA Visiting Fellow at the Zukunftscolleg (University of Konstanz) where she is developing her research on family reunification policies for refugees in Brazil. Her research interests are child migration, children involved in armed conflicts, and migration and asylum policies with a special focus in Latin America and the Brazilian case. She completed her BA and an MA in International Relations at the University of Brasília (UnB), Brazil. In 2016, her MA Thesis (“Child Soldiers in Colombia: the construction of a Silence in International Politics”) won the Cátedra Sergio Vieira de Mello Award from UNHCR for best Ph.D. dissertations and MA thesis on Refugee Studies. She was a Visiting Scholar at the Jacobs Center for Productive Youth Development (UZH, Switzerland, 2018 -2019), at the Carolina Population Center (UNC-Chapel Hill, 2017-2018) and at the Rutgers' Childhood Studies Department (2018). Besides that she continues to contribute with diverse research projects in Brazil as a researcher at the Research Group “Human Rights and Vulnerabilities” (UNISANTOS, Brazil), at the Research Centre for International Relations (NUPRI/USP), at the Brazilian Net-



work on Peacekeeping Operations (REBRAPAZ) and at the Research Group Nucleus of Research of Environmental Displaced People (NEPDA/UEPB). She was also a consultant for IPC-IG in a project on child migration with UNICEF Latin America.

Kasia Nalewajko

Even though we spoke only Polish at home, I have been passionate about foreign languages since I can remember. This led me to finish a French school and study linguistics in Warsaw, Barcelona and Madrid. By the time I finished my degree in Madrid I had mastered five European languages: Polish, English, French, Spanish and Hungarian (today I speak German as well). Immediately after my first contact with programming in R during my master studies in public policy at the Hertie School of Governance, I became fascinated with the multiple parallels between natural and computer languages. This discovery led me to concentrate my academic efforts on quantitative methods. In my first (and recent) research work, I focused on the effects of foreign endorsements on public opinion's voting decisions under the supervision of Prof. Mark A. Kayser. More recently, I have become interested in how historical legacies of conflicts shape national attitudes, behaviours and political cultures; a field of scholarship that I would like to contribute to during my current PhD programme at the European University Institute under the supervision of Prof. Elias Dinas.



Tabea Palmtag

Tabea Palmtag is currently a PhD candidate at the Chair of International Relations and Political Economy at the University of Zurich. She holds a MA in international relations from the Freie University, Berlin and a BA in political science from the University of Bremen. Her research broadly focuses on the distributive effects of local economies and their political ramifications. She wants to understand how the economic conditions of people's local communities affect their well-being and subsequently their political attitudes and behavior. At the core of her research is the question who exactly profits from certain economic conditions, be it different development levels or varying exposure to trade and FDI. In a second step, she assesses how people perceive of these distributional consequences and whether and how it affects their political attitudes.



Sabrina Pfister

Sabrina is a sociologist and research assistant at the Research and Teaching Department of the Swiss Military Academy at ETH Zurich, Switzerland. She is a PhD candidate at the Institute of Sociology of University of Zurich, Switzerland. In her thesis, she studies the connection between trust in the police, human values and public corruption from a cross-national perspective. Furthermore, her research focuses on issues such as trust in institutions and female leadership.



Alauna Safarpour

Alauna Safarpour is a Ph.D. candidate in Government and Politics at the University of Maryland specializing in American political behavior and political methodology. Her research areas of interest include minority politics, participation, and public opinion. She holds a bachelor's degree in Political Science and History from the University of North Carolina Chapel Hill, a certificate in Paralegal Studies from Duke University, a master's degree in Political Science from American University and a master's degree in Government and Politics from the University of Maryland. Alauna's dissertation focuses on prejudice and political attitudes. Specifically, she develops, and tests interventions to reduce prejudice and assesses the impact that prejudice reduction has on a variety of political attitudes. Currently, she is also a collaborator on several projects including an examination of the role of gender in the 2018 Midterm Elections, a project assessing the efficacy of survey recruitment incentives to increase response rates, and a project evaluating the impact of an intervention to encourage voter registration and turnout.



Melanie Sauter

I'm a PhD Researcher in Political and Social Science at the EUI. Additionally, I am a member of the external doctoral school of the Peace Research Institute Oslo (PRIO). I hold an MA in Peace and Conflict Studies from the University of Oslo and a BA in Political Science from the University of Zurich. In my PhD thesis, I'm looking at the micro-dynamics in armed conflicts and the subsequent role of humanitarian organizations. I want to disentangle the motives behind attacks against aid workers. Methodologically, my project combines causal modelling of spatial conflict event data with qualitative methods, such as interviews with aid workers who have been working in conflict zones. My previous experience includes work with local NGOs in Ethiopia and Ghana, with the UN Secretariat in New York, and as a media designer. Thanks to my background in media design I am currently also specializing in information visualization.



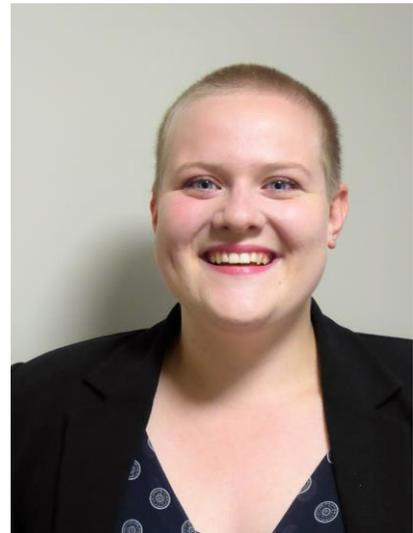
Susanne Schaftenaar

Susanne Schaftenaar is a PhD candidate at the Department of Peace and Conflict Research at Uppsala University. Her main research interests include gender, nonviolent campaigns, armed conflict, and political methodology. Her dissertation research focuses on the relationship between gender equality and two different types of conflict: nonviolent campaigns and armed conflicts. She published an article in the *Journal of Peace Research* finding that increases in gender equality are associated with an increased likelihood for nonviolent campaigns compared to both armed conflict and no campaign onsets. She employs a mixed set of methods including instrumental variable analysis to address causal inference problems further probing the relationship between gender inequality and armed conflict, survey analysis, and in-depth interviews to assess the role of gender in nonviolent campaigns. Susanne Schaftenaar has a Master's degree from the Department of Peace and Conflict Research at Uppsala University, and a Bachelor's degree from Utrecht University.



Sigrid Weber

Sigrid Weber is a first-year PhD student at the Department of Political Science at University College London. Her PhD project investigates how population movements within war zones affect patterns of violence against civilians in civil wars. More broadly, she is interested in civilians' displacement decisions during wars as well as the study and prediction of the spatial and temporal dynamics of armed conflicts. In her research, Sigrid employs survey experiments, spatial-econometric models and machine learning. She holds a MSc in Security Studies from UCL and a BA in Politics and Public Administration from the University of Konstanz.



Klaudia Wegschaider

Klaudia Wegschaider is a doctoral student at the University of Oxford with a joint studentship by the Department of Politics and International Relations and Pembroke College. Her dissertation explores the causes of noncitizen enfranchisement by subnational units using qualitative and quantitative approaches. Before starting her doctorate, Klaudia spent two years working as project manager for a German think tank. Previously, she completed the MSc in Migration Studies (also at Oxford) and graduated with a BA in Political Science (hons) and English Literature (hons) from the University of British Columbia.



Delia Zollinger

Delia Zollinger is an assistant and (as of autumn 2018) PhD student at the chair for Swiss Politics and Comparative Political Economy. She studied Comparative Politics at the London School of Economics and Political Science (MSc, 2017-2018), and Political Science with minors in Law and Arabic at the University of Zurich (BA, 2013-2016). She has worked as a research assistant at UZH (for Professors Dominik Hangartner and Silja Häusermann) and LSE (for Professor David Soskice), for a Swiss asset manager (responsAbility), and as an intern with the UN in Jordan. Her current research focuses on political divides in modern knowledge economies, particularly on the role of social identities and their economic and cultural roots.



Academic Program

Detailed Program Zurich Summer School

Sunday, 30 June

15:00 – 15:30	Registration	Volkshaus Zürich
15:30 – 17:30	Keynote Lecture: Big Data and Social Science: Prof Dr. Frauke Kreuter (Berkeley/Mannheim)	-
17:30 – 18:45	Drinks	Bar Xenix
19:00 – 21:30	Dinner	Restaurant Célia

Monday, 1 July

09:00 – 12:30	Writing Functions: Prof. Dr. Anita Gohdes (Berlin)	RAI-F-041
12:30 – 13:30	Lunch (provided)	-
13:30 – 15:30	Web Scraping: Theresa Gessler (Zurich)	RAI-F-041
15:30 – 16:00	Coffee Break	-
16:00 – 17:30	Web Scraping	-

Literature: Writing Functions

Participants will not have to read any literature in advance. During the workshop, the instructor will make reference texts available.

Literature: Web Scraping

The increasing availability of large amounts of data is changing research in political science. Over the past years, a variety of data – whether election results, press releases, parliamentary speeches or social media posts – has become available online. Although data has become easier to find, in most cases, it comes in an unstructured format. This makes collecting, cleaning and analyzing this data challenging. Webscraping describes a set of techniques for collecting this data from the web. The workshop will provide an introduction to webscraping, focusing on static HTML pages.

Packages to install: tidyverse (or: dplyr, rvest, stringr), learnr.

If you do not have experience with HTML, you should read the first sections of the [w3schools' introduction to HTML](#) or a similar introduction to HTML. I recommend reading at least until the section on attributes. If you have specific examples of webpages you plan to scrape, feel free to write me in advance. If you want to deepen your understanding of scraping after the class, I recommend the following book:

- Munzert, Simon, Christian Rubba, Peter Meißner, and Dominic Nyhuis. *Automated Data Collection with R: A Practical Guide to Web Scraping and Text Mining*. Chichester, West Sussex, United Kingdom: John Wiley & Sons Inc, 2015.

Tuesday, 2 July

09:00 – 12:30	Text Analysis I: Theresa Gessler (Zurich)	RAI-F-041
12:30 – 13:30	Brown Bag Lunch (provided) with Prof. Dr. Malu A. C. Gatto (London / Zurich)	
13:30 – 15:30	Text Analysis II: Judith Spirig (Zurich)	-
15:30 – 16:00	Coffee Break	-
16:00 – 17:30	Text Analysis II	-

Literature: Text Analysis I

After a general introduction to text analysis and its core concepts, the course will focus on text classification. We will use dictionary as well as machine learning methods to classify the content of texts.

Packages to install: learnr, quanteda, caret

Participants are not required to read in advance but you may find it helpful to have a look at the following text to get an overview of text as data methods:

- Grimmer, J., & Stewart, B. M. (2013). Text as data: The promise and pitfalls of automatic content analysis methods for political texts. *Political analysis*, 21(3), 267-297"

Literature: Text Analysis II

Packages to install: topicmodels, stm, quanteda.corpora (e.g., from devtools::install_github("quanteda/quanteda.corpora")), dplyr, ggplot2, tidytext, xtable

This afternoon will be an applied introduction to topic models. We'll start with latent Dirichlet allocation (LDA) and then move to the structural topic model (STM), where you'll have time to set up your own topic model using data you scraped the day before. Useful texts are:

- Blei, D.M. 2012. Probabilistic topic models. *Communications of the ACM*, 55(4), pp.77-84.
- Roberts, M.E., Stewart, B.M. and Tingley, D., 2014. stm: R package for structural topic models. *Journal of Statistical Software*, 10(2), pp.1-40.
- Roberts, M.E., Stewart, B.M., Tingley, D., Lucas, C., Leder-Luis, J., Gadarian, S.K., Albertson, B. and Rand, D.G., 2014. Structural topic models for open-ended survey responses. *American Journal of Political Science*, 58(4), pp.1064-1082.

Wednesday, 3 July

09:00 – 12:30	Simulations:	RAI-F-041
	Prof. Dr. Amuitz Garmendia Madariaga (Madrid)	
12:30 – 13:30	Lunch (provided)	-
13:30 – 15:30	Advanced Graphics: Dr. Denise Traber (Lucerne)	-
15:30 – 16:00	Coffee Break	-
16:00 – 17:30	Advanced Graphics	-

Literature: Interpreting Substantive Effects via the Simulation Method

Packages to install: MASS, foreign, ggplot2, texreg

In this workshop, we will build on the technique of statistical simulation, to extract and present results from statistical methods and to develop strategies for their substantive interpretation. Bibliography:

- Gary King, Michael Tomz, and Jason Wittenberg. 2000. "[Making the Most of Statistical Analyses: Improving Interpretation and Presentation.](#)" *American Journal of Political Science*, 44, Pp. 341–355.

Literature: Advanced Graphics

Packages to install: dplyr

The course will be largely based on: *Hadley Wickham (2016): GGLOT2. Elegant Graphics for Data Analysis*, but participants are not required to read the text in advance. However, working knowledge of R is expected, and participants are advised to become familiar with the *dplyr*-package in R.

Thursday, 4 July

09:00 – 13:30	Social time (see Social Program and Things To Do in Zurich), self-organized lunch	-
13:30 – 15:30	Social Network Analysis: Prof. Dr. Franziska Keller (Hong Kong)	RAI-F-041
15:30 – 16:00	Coffee Break	-
16:00 – 17:30	Social Network Analysis	-

Literature: Social Network Analysis

Packages to install: tidyverse, data.table, statnet, network, ergm, sna, coda, igraph, calibrate

This part of summer school introduces participants to the basics of social network analysis, and how to conduct such analysis using R and gephi or visone. We will focus in particular on social media data sets. You should be familiar with basic R commands and have the packages indicated in the program installed. There is no required reading, but the following books may be useful for if you need more details or information on topics not covered in class:

- David Knoke: *Political Networks: The Structural Perspective*. New York: Cambridge 1990.
- Douglas A. Luke: *A User's Guide to Network Analysis in R*. Springer 2015.
- David Easley and Jon Kleinberg: *Networks, Crowds, and Markets: Reasoning About a Highly Connected World*. <http://www.cs.cornell.edu/home/kleinber/networks-book/>
- Matthew O. Jackson: *Social and Economic Networks*. Princeton University Press 2010.
- Stanley Wasserman and Katherine Faust: *Social Network Analysis: Methods and Applications*. Cambridge University Press 1994.
- Song Yang, Franziska Keller and Lu Zheng: *Social Network Analysis: Methods and Examples*. SAGE 2017.

Friday, 5 July

09:00 – 12:30	Social Network Analysis: Prof. Dr. Franziska Keller (Hong Kong)	RAI-F-041
12:30 – 13:30	Lunch (provided)	-
13:30 – 15:30	Social Network Analysis	-
15:30 – 16:00	Coffee Break	-
16:00 – 17:30	Social Network Analysis	
19:00-onwards	Dinner	Grünes Glas

Saturday, 6 July

09:00 – 12:30	Hackathon (work on own project)	RAI-F-041
12:30 – 13:30	Lunch (provided)	-
13:30 – 16:00	Hackathon (work on own project)	-
16:00 – 16:30	Evaluation	-

Social Program

1) Reception, Drinks & Dinner on June 30

Reception & Keynote speech at: **Volkshaus**, Stauffacherstrasse 60, 8004 Zürich

Drinks at: **Xenix Cinema**, Kanzleistrasse 52, 8004 Zürich

Dinner at: **Célia Pizzeria**, Langstrasse 35, 8004 Zürich

2) Social time on July 4

On July 5, participants have a half-day at their disposal to explore the city. Possible activities include swimming in the lake, hiking, making an excursion by bike, visiting a museum, etc. The organizers are happy to give suggestions.

3) Dinner on Friday July 5

Dinner at: **Grünes Glas**, Untere Zäune 15, 8001 Zürich

4) Things To Do in Zurich

Zurich is great in summer! It has a great number of swimming pools and beaches at the river and the lake. Many bars and restaurants have a nice garden. Here are a few of our own favorites:

Bars and Restaurants

Most Bars and Restaurants are either in the old town, near Limmatquai (more traditional, Swiss food) or around Limmatplatz / Langstrasse.

Kleine Freiheit: Charming little corner café with outside seating area, close to the venue of the summer school; Weinbergstrasse 30, 8006 Zürich

Xenix: Nice outside bar, outside cinema; Kanzleistrasse 52, 8004 Zürich

Volkshaus: Bar and restaurant, (modern) Swiss food; Stauffacherstrasse 60, 8004 Zürich (Reservation advised)

Riffraff: Bar and Cinema; Neugasse 57-63, 8005 Zürich

Raygrodski: Bar; Sihlfeldstrasse 49, 8003 Zürich

Italia: Italian restaurant, nice garden (\$\$); Zeughausstrasse 61, 8004 Zürich (Reservation advised)

Bebek: Oriental restaurant with garden; Badenerstrasse 171, 8003 Zürich

Kobal: Cute Indian restaurant; Kanzleistrasse 78, 8004 Zürich (No reservation)

Lily's: Great Asian fusion; Langstrasse 197, 8005 Zürich & Sihlfeldstrasse, 8003 Zürich (No reservation)

Rosso: Italian, great Pizzas (and close to the "Prime Tower", the highest building in Zurich); Geroldstrasse 31, 8005 Zürich (Reservation advised)

Swimming in the Lake

"left" side:

Seebad Enge: Mythenquai 9, 8002 Zürich: <https://goo.gl/maps/6a1V1kzcZg42>

Strandbad Mythenquai: Mythenquai 95, 8002 Zürich: <https://goo.gl/maps/XHrA9aNxFLP2>

Strandbad Wollishofen: Seestrasse 451, 8038 Zürich: <https://goo.gl/maps/N3D6wKSm5VA2>

(nearby is the „Rote Fabrik“, a cultural center with a nice restaurant/bar by the lake)

"right" side:

Seebad Utoquai: Utoquai, 8008 Zürich: <https://goo.gl/maps/Wf1kdAaEizQ2>

Strandbad Tiefenbrunnen: Bellerivestrasse 200, 8008 Zürich:
<https://goo.gl/maps/fhrqmxdanwy>

Boat Tour / Pedalo

Tour on the Zurich Lake (1.5h/ 13.8CHF, including 24H public transport ticket): every 30 minutes (ten past half and ten past the hour) from Zürich Bürkliplatz (<https://www.zsg.ch/en/short-round-trips-from-zurich.html>)

Pedalo rental (approx. 20 CHF / hour):

- Bootsvermietung Enge, Mythenquai 25;
- Bootsvermietung Lago, Utoquai 6

Swimming in the Limmat

Oberer Letten: Swimming and Bars/Restaurants on both sides of the river. <https://goo.gl/maps/EiQsd6xKmmC2>

Unterer Letten: <https://goo.gl/maps/21DGH6FtKK12>

Züri Fäscht

From June 5th to June 7th, the Züri Fäscht takes place. Every three years on the first weekend of July, the Züri Fäscht delights around 2 million visitors with a unique mixture of folk festival, fair, music and parties. For three days, the people of Zurich take over the streets along the Limmat and around the lake basin. You can find more information here: <http://www.zuerifaescht.ch/>

For more things to do check these websites:

- <https://www.zuerich.com/en>
- <https://www.stadt-zuerich.ch/ssd/de/index/sport/schwimmen/sommerbaeder.html>
- https://www.ronorp.net/zurich_en
- <http://www.tagesanzeiger.ch/zueritipp/>

Maps and Public Transport

The easiest way to get around is a 24h pass (or 2way ticket): tickets for Zone 10 are valid in the city center and Oerlikon.

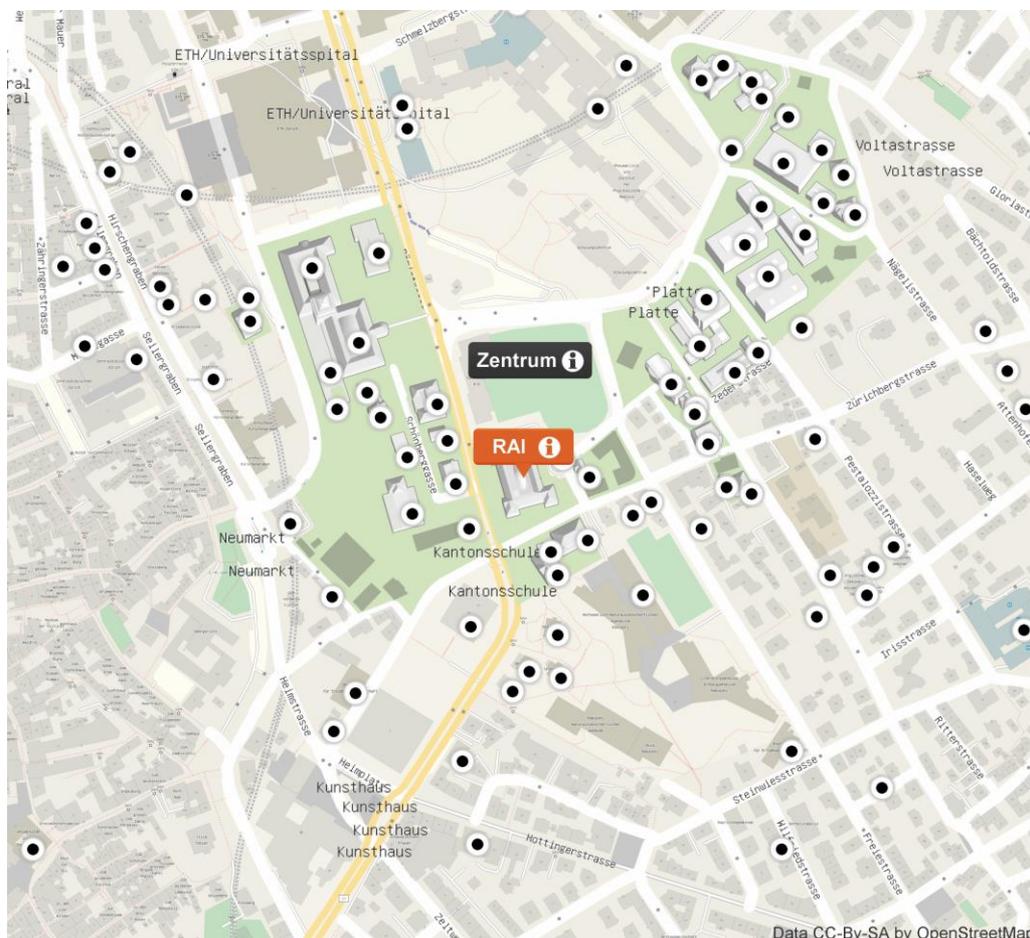
Map: http://www.zvv.ch/zvv-assets/fahrplan/pdf/liniennetz_stadt_zuerich_dez16.pdf

To the University:

Either tram 6 or 10 from central or main station to ETH/Universitätsspital

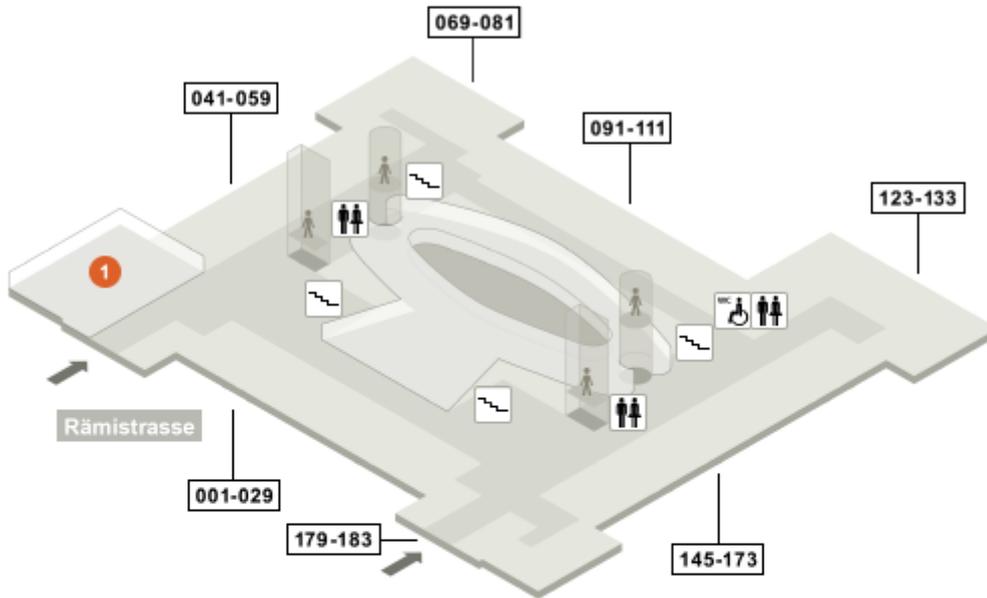
or with the Polybahn from Central to Polyterasse

All courses will take place in the building of the Institute of Law of UZH, which is located near the main building at Rämistrasse 74, 8001 Zürich: **RAI-F-041**



RAI

Stockwerk F



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