



Aachen International  
Summer School  
in Research Methods

**RWTH**AACHEN  
UNIVERSITY



# 3<sup>rd</sup> Aachen International Summer School (ACISS) in Research Methods and Data Science

31 July to 13 October 2017

RWTH Aachen University  
School of Business and Economics

School of  
Business and Economics

**RWTH**AACHEN  
UNIVERSITY

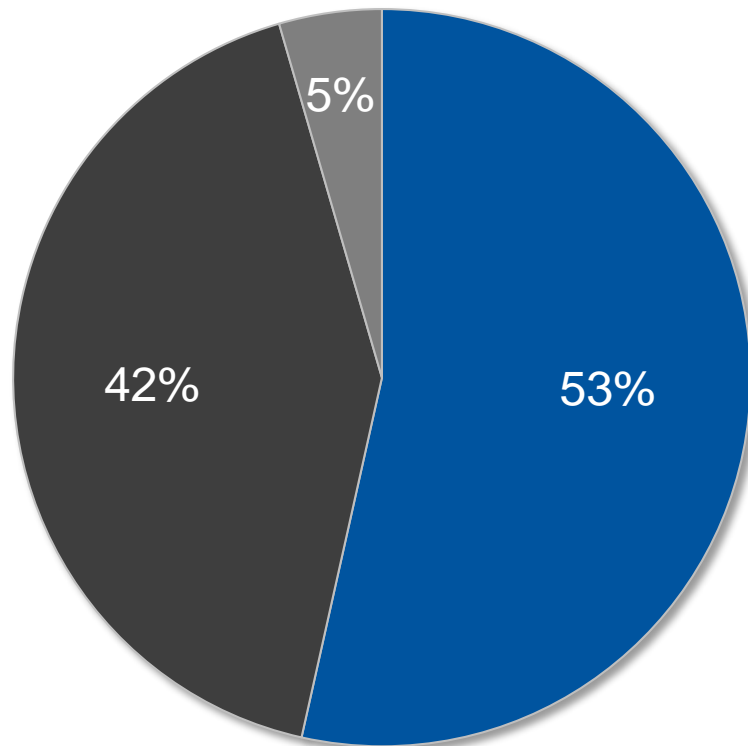
INTERNATIONAL  
ACADEMY

**RWTH**AACHEN  
UNIVERSITY

# ACISS | Review

## How was the 2<sup>nd</sup> ACISS 2016?

### Participant Breakdown (N=200)



- RWTH PhDs and Post-Docs
- RWTH Master Students
- External Participants

### Key Facts and Figures

- **7 Research Methods Courses**
- **2 RWTH Aachen Instructors**
- **5 International & External Instructors**
  - ✓ Austria: University of Vienna
  - ✓ Chile: Universidad de Chile
  - ✓ USA: PennState University
  - ✓ UK: Leeds University
- **Course Evaluation**
  - ✓ Instructors: Ø 1.3
  - ✓ Global: Ø 1.5
- **Participant Satisfaction**
  - ✓ 90% fully recommend the ACISS

# ACISS | Testimonials

What did Post-Docs and PhDs think about it?

“The cooperative learning atmosphere and the possibility to apply the courses contents directly to one's own research. Lecturer was open to discuss individual methodical research problems.”

“ACISS is a great opportunity to enhance one's own methodological skills as a researcher. The timing as well as the choice of contents is suited very well to fit into the work life of a Research Assistant/PhD candidate at our faculty.”

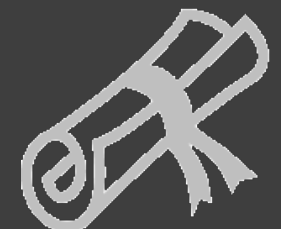


# ACISS | Testimonials

What did Master students think about it?

“I like the idea in general and I liked the quality of my particular lecturer; I also like the fact that lecturers are invited from around the world.”

“I really liked that it was one week of intensive work. Like that you can really profit from the course because you don't lose the focus due to other courses and can just focus on this one course.”



# ACISS | Key Features

## Why should I participate in the ACISS 2017?



### Preliminary Course List:

- Introduction to Applied Advanced Econometrics
- Introduction to Survey Design
- Introduction to Lab and VR Experiments
- Introduction to Applied Empirical Research and Replication Studies
- Introduction to Social Network Analysis using Advanced Data Mining
- Introduction to Measurement Theory and Scale Development
- Introduction to the Publication Process in Peer-Reviewed Journals
- Introduction to Data Science and Machine Learning

- ✓ 5 ECTS per course
- ✓ 1 week courses
- ✓ Post-Docs, PhD, & master students
- ✓ MSc BWL, WiWi, & all Wirt.-Ing.
- ✓ All areas of specialization



**Further information:** Please visit [www.wiwi.rwth-aachen.de/summerschool](http://www.wiwi.rwth-aachen.de/summerschool) or scan the barcode on the left hand side for further information on individual courses (syllabi), lecturers, the registration procedure, and the Summer School's social program.

[www.wiwi.rwth-aachen.de/summerschool](http://www.wiwi.rwth-aachen.de/summerschool)

- ▶ Focus on **Management Research Methods** and **Big Data Analytics**
- ▶ Targeted at Advanced **Master** Students, **PhDs**, **Post-Docs** and **Faculty**
- ▶ Open to Applicants from **Inside and Outside of RWTH Aachen University**
- ▶ Recognized in all **Degree Programs** and **Specializations** of the School of Business & Economics
- ▶ **8 One-Week Courses** (5 ECTS each)
- ▶ 6 hours of **Classroom Interaction** per Day
- ▶ Highly **Interactive** (e.g. Discussions, Group Work)
- ▶ **Learning by Doing** (e.g. Software Training, Hands-On Exercises)
- ▶ Insights into **Academic Career Paths**



# ACISS | Course Portfolio

What courses are on offer?

#	Title	Lecturer	Dates
1	<b>Introduction to Applied Advanced Econometrics</b>	<b>Almut Balleer</b> (RWTH Aachen)	31/07 – 04/08
2	<b>Introduction to Survey Design</b>	<b>Sven Mikolon &amp; Sankalp Chaturvedi</b> (Imperial College London)	28/08 – 01/09
3	<b>Introduction to Lab and VR Experiments</b>	<b>Özgür Gürerk</b> (RWTH Aachen)	11/09 – 15/09
4	<b>Introduction to Applied Empirical Research and Replication Studies</b>	<b>Christian Hopp</b> (RWTH Aachen)	11/09 – 15/09

# ACISS | Course Portfolio

## What courses are on offer?

#	Title	Lecturer	Dates
5	<b>Introduction to Social Network Analysis using Advanced Data Mining</b>	<b>Richard Weber</b> (Universidad de Chile)	18/09– 22/09
6	<b>Introduction to Measurement Theory and Scale Development</b>	<b>Petra Riefler</b> (University of Vienna)	25/09 – 29/09
7	<b>Introduction to the Publication Process in Peer-Reviewed Journals</b>	<b>Peter Letmathe</b> (RWTH Aachen)	05/10 – 11/10
8	<b>Introduction to Data Science and Machine Learning</b>	Tba	09/10 – 13/10

# ACISS | Registration

## How do I register?

- **Registration for Applicants from RWTH Aachen University**
  - Through the website of the School of Business and Economics  
→ [www.wiwi.rwth-aachen.de/summerschool](http://www.wiwi.rwth-aachen.de/summerschool)
  - Starts on 1 April and closes on 1 May 2017
  - No registration or participation fee
- **Registration for External Applicants**
  - Through the website of the RWTH International Academy  
→ [www.academy.rwth-aachen.de/en/education-formats/summer-schools/aachen-international-summer-school-in-research-methods-and-data-science](http://www.academy.rwth-aachen.de/en/education-formats/summer-schools/aachen-international-summer-school-in-research-methods-and-data-science)
  - Participation fee of 750 EUR per course, including lectures and materials, a welcome package, and a local public transport ticket for the respective time
- **Further information**
  - Visit the ACISS website ([www.wiwi.rwth-aachen.de/summerschool](http://www.wiwi.rwth-aachen.de/summerschool))
  - Contact [aciss@time.rwth-aachen.de](mailto:aciss@time.rwth-aachen.de)

### CONTACT



**Leona Brust**  
Coordinator ACISS



# CONTACT US

## Contact details and disclaimer

School of Business and Economics

**Aachen International Summer School (ACISS)**

in Management Research Methods and Big Data Analytics

Kackertstraße 7

52072 Aachen

Germany

**Academic Director:** Professor Torsten Oliver Salge, PhD

**Coordinators:** Leona Brust & Dr. Alexandra Pereira Martins

**Phone 1:** +49 241 80 99197 (RWTH Participants)

**Phone 2:** +49 241 80 27693 (External Participants)

**Mail:** [aciss@time.rwth-aachen.de](mailto:aciss@time.rwth-aachen.de)

**Web 1:** [www.wiwi.rwth-aachen.de/summerschool](http://www.wiwi.rwth-aachen.de/summerschool)

**Web 2:** [www.academy.rwth-aachen.de/en/education-formats/summer-schools/aciss-management-research-methods-and-big-data-analytics](http://www.academy.rwth-aachen.de/en/education-formats/summer-schools/aciss-management-research-methods-and-big-data-analytics)

### Images used:

- Cover: Malte Salge

