

26 September – 2 October 2022  
**Innovative Research Methods  
 in Sports Science**  
 International Summer School

**Programme Structure**

	Sun 25 Sep	Mo 26 Sep – Fri 30 Sep	Sat 1 Oct	Sun 2 Oct
<b>AM</b>		Lectures Practical Workshops	Biomechanics Congress	Historical campus tour
		Lunch	Lunch	Lunch
<b>PM</b>	Arrival	Lectures Practical Workshops	Presentation of workshop results	Departure
		Dinner	Dinner	
<b>evening</b>	Campus tour Get-together	Evening programme	Reception	

**Deadlines & Contact Information**

**Registration Fee** (covers meals and other expenses)

€ 200,- for postdoctoral researchers  
 € 150,- for Master and PhD students

*Participants from GSU and partner institutions*  
 € 150,- for postdoctoral researchers  
 € 100,- for Master and PhD students

**Accommodation**

€ 200,- (with breakfast)

You will stay at the university guest house, on campus.  
 Accommodation will cover the time from 25 Sep – 2 Oct.

**Registration & Contact**

**Scholarships**

Some scholarships will be available, to apply, please submit the following to [summerschoolresearch@dshs-koeln.de](mailto:summerschoolresearch@dshs-koeln.de):

1. An application letter, stating your motivation for participating in the summer school.
2. An abstract of your ongoing research work or the focus of your undergraduate studies, approximately 300 words.
3. A short CV including study and/or research interests.

**Deadlines**

Deadline for registrations and scholarship applications is  
**30 April 2022**

**Website**

Find out more on our programme and register on our website at  
[www.dshs-koeln.de/summer-schools](http://www.dshs-koeln.de/summer-schools)

**Venue**

German Sport University Cologne  
 Am Sportpark Müngersdorf 6  
 50933 Cologne, Germany

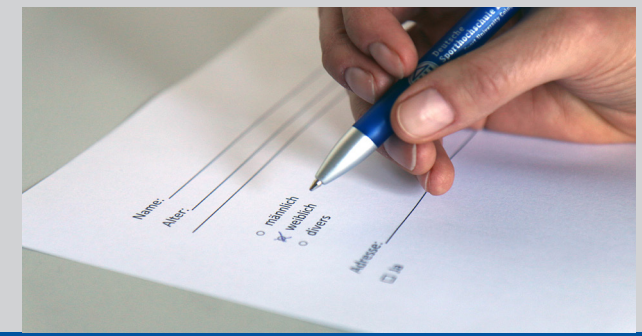
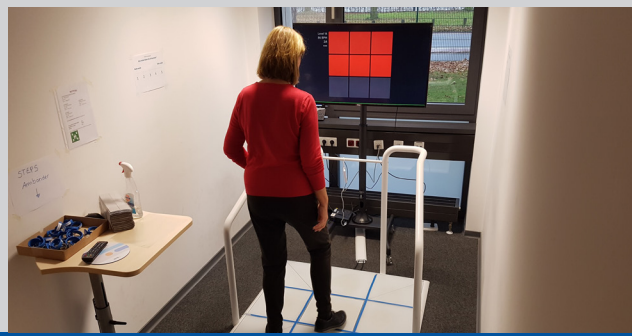
Find your way to us:

[www.dshs-koeln.de/english/meta-navigation/how-to-find-us/](http://www.dshs-koeln.de/english/meta-navigation/how-to-find-us/)

**Contact**

Please direct all enquiries to Dr. Jan Hecker-Stampehl  
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 phone (+49) 221|49 82 87 15





## Innovative Research Methods In Sports Science International Summer School

German Sport University Cologne

26 September – 2 October 2022

### Get your methodology update in sports science

*Get a well-founded update about innovative methodological developments in sport and exercise studies at Europe's largest sport university. This event combines a summer school for young researchers with an international conference in sports science – with disciplines ranging from the life sciences to social sciences and humanities.*

From training studies to sports medicine, from psychology to sport management, from sport history to cultures of movement: experience for yourselves, up close and personal, the diverse and multi-disciplinary approach to sports science typical for German Sport University Cologne. Here, researchers with a broad variety of academic backgrounds do research and teaching on all matters sport. Profit from this profound expertise in a summer school which aims to bring you up-to-date with innovative methodology in sport studies.

Experts from the wide spectrum of sports science disciplines taught at GSU Cologne will give you insights into the latest discussions and practices on the field of research methods in sports science. Find out more about how sports science is driving methodological innovation and how this is influencing other disciplines. In addition, get hands-on experiences in how to apply these sport specific methods in practical workshops.

The Summer School is targeted at Master students, doctoral candidates and early career postdoctoral researchers.

*Welcome to Cologne and to Germany's only university dedicated solely to sports science! Learn more about GSU at*

[www.dshs-koeln.de/english/university-facilities/profile/](http://www.dshs-koeln.de/english/university-facilities/profile/)

### Programme features

#### Survey lectures

- experienced researchers from different disciplines within sports science will hold instructive lectures which sum up the current state of the art on a certain field of research
- you acquire compact, condensed knowledge on methodological innovation happening within sports science
- broad range of topics from different disciplines provides you with a many-faceted picture of sports science

#### Practical workshops

- enhance the theoretical foundations from the lectures and apply your knowledge in practical trainings and workshops
- use GSU's excellent range of laboratories & training sites
- experience the challenges and chances of a research method by learning how to use it
- discuss the benefits, the limits and the future potential of different methods – with peers and experienced researchers

#### Additional programme

- participation in the programme of the *German Society of Biomechanics 12th Biennial Conference/German Society of Sports Science Annual Conference* on Saturday (1 October)
- sports events
- social events
- sports-related sightseeing

### Topics (selection)

*Network meta-analyses in sport, exercise and health*

*Competition intensity in sport*

*fNIRS as a neuroimaging tool to measure motor-cognition*

*Behavioral movement analysis in sport and movement therapy research*

*Big data in competitive football*

*Muscle research from basic science to sport practice*

*Using digital tools in research on dance and sport*

*Hermeneutics and fields of research in sport history*