

## Schedule and Choice of Workshops

After your official registration as a participant of our GSU Research Summer School 2023, we would like to invite you to select the workshops you would like to attend as part of the academic programme of the Summer School. First of all, please find here a list of all workshops in alphabetical order of the tutors:

- Workshop no. 1:** Movement and reflection: the hermeneutics of sport (tutor: Dr. Tobias Arenz)
- Workshop no. 2:** Sportslaw: interpretation and evaluation of sport rules (tutor: Dr. Caroline Bechtel)
- Workshop no. 3:** Mobility, Cognition and Virtual Reality (tutors: Prof. Dr. Otmar Bock, Prof. Dr. Klara Brixius, Prof. Dr. Wiebren Zijlstra)
- Workshop no. 4:** AI-based digital tools and their use in analysing dance and sport in higher education: creating a learning set, recording and measuring dance movements, annotating and reflecting on screening tests to assess functional movements (tutors: Christian Büning, Dipl./B.A., Sophie Manuela Lindner, M.A.)
- Workshop no. 5:** The manipulation of human beliefs and behaviour: a workshop on designing vignettes for experimental research (tutor: Dr. Anja Chevalier)
- Workshop no. 6:** Basics and implementation of network meta-analyses in sport, exercise and health (tutor: Dr. Steffen Held)
- Workshop no. 7:** Functional Near InfraRed Spectroscopy (fNIRS): investigating motor-cognitive functions of the brain (tutors: Jun.-Prof. Dr. Ingo Helmich, Robin Gemmerich M.A., Sabrina von Au M.A.)
- Workshop no. 8:** Analysing nonverbal behaviour in sports (tutor: Prof. Dr. Hedda Lausberg)
- Workshop no. 9:** Olympic athletes and employment relations in a comparative governance perspective (tutor: Prof. Dr. Jürgen Mittag)
- Workshop no. 10:** Documents material-based research in sport history (tutor: Dr. Ansgar Molzberger)
- Workshop no. 11:** Mastering the heart-brain connection through heart rate variability assessment for performance optimisation (tutors: Caterina Salvotti, Maša Iskra, Stefan Ackermann)
- Workshop no. 12:** SoccerLab: Part I: SoccerBot360, Part II: Match analysis in soccer (tutors: Dr. Hans-Erik Scharfen, Thomas Thönnessen)
- Workshop no. 13:** Applied performance diagnostics for individualized training derivations in elite sports (tutors: Prof. Dr. Patrick Wahl, Sebastian Keller, M.Sc.)

For more detailed information on the contents of the individual workshops including abstracts, timeslots, and locations, we would like to refer you to our [website](#) and to the form [List of all workshops](#).

The workshops will take place on Monday and Tuesday (21 and 22 August 2023, 1st workshop block) and on Thursday and Friday (24 and 25 August 2023, 2nd workshop block), respectively from 10.15 am – 12.45 pm and from 03.15 – 05.45 pm. Please look up here the detailed schedule of all individual workshops and their timeslots at which they will take place:

| 1 <sup>st</sup> workshop block, Mon 21 and Tue 22 August 2023 |  |  |
|---|--|--|
| Date/Time   | 10.15 am – 12.45 pm  | 03.15 – 05.45 pm   |
| Mon 21 Aug 2023   | <b>workshop no. 8:</b> Analysing nonverbal behaviour in sports<br>(tutor: Prof. Dr. Hedda Lausberg), 4 timeslots | <b>workshop no. 8:</b> Analysing nonverbal behaviour in sports<br>(tutor: Prof. Dr. Hedda Lausberg), 4 timeslots |
|   | <b>workshop no. 11a:</b> Mastering the heart-brain connection<br>(tutors: Caterina Salvotti et al.), 1 timeslot  | <b>workshop no. 4:</b> AI-based digital tools<br>(tutors: Christian Büning Dipl./B.A. et al.), 3 timeslots       |
|   | <b>workshop no. 12:</b> SoccerLab<br>(tutors: Dr. Hans-Erik Scharfen et al.), 1 timeslot                         | <b>workshop no. 2:</b> Sportslaw<br>(tutor: Dr. Caroline Bechtel), 1 timeslot                                    |
|   |  | <b>workshop no. 6:</b> Basics and implementation of network meta-analyses (tutor: Dr. Steffen Held), 1 timeslot  |
| Tue 22 Aug 2023   | <b>workshop no. 8:</b> Analysing nonverbal behaviour in sports<br>(tutor: Prof. Dr. Hedda Lausberg), 4 timeslots | <b>workshop no. 8:</b> Analysing nonverbal behaviour in sports<br>(tutor: Prof. Dr. Hedda Lausberg), 4 timeslots |
|   | <b>workshop no. 4:</b> AI-based digital tools<br>(tutors: Christian Büning Dipl./B.A. et al.), 3 timeslots       | <b>workshop no. 4:</b> AI-based digital tools<br>(tutors: Christian Büning Dipl./B.A. et al.), 3 timeslots       |
|   | <b>workshop no. 10:</b> Documents material-based research<br>(tutor: Dr. Ansgar Molzberger), 2 timeslots         | <b>workshop no. 10:</b> Documents material-based research<br>(tutor: Dr. Ansgar Molzberger), 2 timeslots         |

| 2 <sup>nd</sup> workshop block, Thu 24 and Fri 25 August 2023 |  |  |
|---|--|--|
| Date/Time   | 10.15 am – 12.45 pm  | 03.15 – 05.45 pm   |
| Thu 24 Aug 2023   | <b>workshop no 7:</b> Functional Near InfraRed Spectroscopy<br>(tutors: Jun.-Prof. Dr. Ingo Helmich et al.), 4 timeslots | <b>workshop no 7:</b> Functional Near InfraRed Spectroscopy<br>(tutors: Jun.-Prof. Dr. Ingo Helmich et al.), 4 timeslots |
|   | <b>workshop no. 3:</b> Mobility, Cognition and Virtual Reality<br>(tutors: Prof. Dr. Klara Brixius et al.), 1 timeslot   | <b>workshop no. 9:</b> Olympic athletes and employment relations<br>(tutor: Prof. Dr. Jürgen Mittag), 1 timeslot         |
|   | <b>workshop no. 5:</b> The manipulation of human beliefs and behaviour (tutor: Dr. Anja Chevalier), 1 timeslot           | <b>workshop no. 11b:</b> Mastering the heart-brain connection<br>(tutors: Caterina Salvotti et al.), 1 timeslot          |
| Fri 25 Aug 2023   | <b>workshop no 7:</b> Functional Near InfraRed Spectroscopy<br>(tutors: Jun.-Prof. Dr. Ingo Helmich et al.), 4 timeslots | <b>workshop no 7:</b> Functional Near InfraRed Spectroscopy<br>(tutors: Jun.-Prof. Dr. Ingo Helmich et al.), 4 timeslots |
|   | <b>workshop no. 1:</b> Movement and reflection<br>(tutor: Dr. Tobias Arenz), 2 timeslots                                 | <b>workshop no. 1:</b> Movement and reflection<br>(tutor: Dr. Tobias Arenz), 2 timeslots                                 |
|   | <b>workshop no. 13:</b> Applied performance diagnostics<br>(tutors: Prof. Dr. Patrick Wahl et al.), 2 timeslots          | <b>workshop no. 13:</b> Applied performance diagnostics<br>(tutors: Prof. Dr. Patrick Wahl et al.), 2 timeslots          |

As you have seen, each individual workshop is firmly assigned to one of the two workshop blocks (Mon/Tue or Thu/Fri) and will also be finished within its respective time unit. This means for you that you should create your respective workshop timetable for each of the two workshop blocks. In the case of the 1<sup>st</sup> workshop block, there are seven different possibilities to combine the individual workshops; in the case of the 2<sup>nd</sup> workshop block, there are even nine possible combinations.

Please find here the seven possible workshop combinations (**A–G**) for the 1<sup>st</sup> workshop block:

|          | <b>1<sup>st</sup> workshop block, Mon 21 and Tue 22 August 2023</b>                                 |   |   |
|----------|---|---|---|
| <b>A</b> | <b>workshop no. 8:</b> Analysing nonverbal behaviour in sports<br>(tutor: Prof. Dr. Hedda Lausberg) |   |   |
| <b>B</b> | <b>workshop no. 4:</b> AI-based digital tools<br>(tutors: Christian Büning Dipl./B.A. et al.)       | <b>workshop no. 11a:</b> Mastering the heart-brain connection<br>(tutors: Caterina Salvotti et al.) |   |
| <b>C</b> |   | <b>workshop no. 12:</b> SoccerLab<br>(tutors: Dr. Hans-Erik Scharfen et al.)                        |   |
| <b>D</b> | <b>workshop no. 10:</b> Documents material-based research<br>(tutor: Dr. Ansgar Molzberger)         | <b>workshop no. 11a:</b> Mastering the heart-brain connection<br>(tutors: Caterina Salvotti et al.) | <b>workshop no. 2:</b> Sportslaw<br>(tutor: Dr. Caroline Bechtel)                                   |
| <b>E</b> |   |   | <b>workshop no. 6:</b> Basics and implementation of network meta-analyses (tutor: Dr. Steffen Held) |
| <b>F</b> |   | <b>workshop no. 12:</b> SoccerLab<br>(tutors: Dr. Hans-Erik Scharfen et al.)                        | <b>workshop no. 2:</b> Sportslaw<br>(tutor: Dr. Caroline Bechtel)                                   |
| <b>G</b> |   |   | <b>workshop no. 6:</b> Basics and implementation of network meta-analyses (tutor: Dr. Steffen Held) |

Please find here the nine possible workshop combinations (A–I) for the 2<sup>nd</sup> workshop block:

|          | 2 <sup>nd</sup> workshop block, Thu 24 and Fri 25 August 2023   |   |   |
|----------|---|---|---|
| <b>A</b> | <b>workshop no 7:</b> Functional Near InfraRed Spectroscopy<br>(tutors: Jun.-Prof. Dr. Ingo Helmich et al.) |   |   |
| <b>B</b> | <b>workshop no. 1:</b> Movement and reflection (tutor: Dr. Tobias Arenz)                                    | <b>workshop no. 3:</b> Mobility, Cognition and Virtual Reality (tutors: Prof. Dr. Klara Brixius et al.) | <b>workshop no. 9:</b> Olympic athletes and employment relations (tutor: Prof. Dr. Jürgen Mittag) |
| <b>C</b> |   |   | <b>workshop no. 11b:</b> Mastering the heart-brain connection (tutors: Caterina Salvotti et al.)  |
| <b>D</b> |   | <b>workshop no. 5:</b> The manipulation of human beliefs and behaviour (tutor: Dr. Anja Chevalier)      | <b>workshop no. 9:</b> Olympic athletes and employment relations (tutor: Prof. Dr. Jürgen Mittag) |
| <b>E</b> |   |   | <b>workshop no. 11b:</b> Mastering the heart-brain connection (tutors: Caterina Salvotti et al.)  |
| <b>F</b> | <b>workshop no. 13:</b> Applied performance diagnostics<br>(tutors: Prof. Dr. Patrick Wahl et al.)          | <b>workshop no. 3:</b> Mobility, Cognition and Virtual Reality (tutors: Prof. Dr. Klara Brixius et al.) | <b>workshop no. 9:</b> Olympic athletes and employment relations (tutor: Prof. Dr. Jürgen Mittag) |
| <b>G</b> |   |   | <b>workshop no. 11b:</b> Mastering the heart-brain connection (tutors: Caterina Salvotti et al.)  |
| <b>H</b> |   | <b>workshop no. 5:</b> The manipulation of human beliefs and behaviour (tutor: Dr. Anja Chevalier)      | <b>workshop no. 9:</b> Olympic athletes and employment relations (tutor: Prof. Dr. Jürgen Mittag) |
| <b>I</b> |   |   | <b>workshop no. 11b:</b> Mastering the heart-brain connection (tutors: Caterina Salvotti et al.)  |

We would like to ask you now to fill in the [Workshop preference form](#) for both: the 1<sup>st</sup> workshop block and the 2<sup>nd</sup> workshop block. Please let us know through this form your favoured workshop combinations for the 1<sup>st</sup> and the 2<sup>nd</sup> workshop block. Please also indicate two alternative workshop combinations each. And then please send it back to us!