

Accommodation

- Hotels in Darmstadt (within 1 km from the venue location there are about 1,600 hotel beds available); for detailed information on conference discounts visit our conference website.
- Guesthouse of Unisport-Zentrum (USZ) (six-bed rooms; students: 15 € per night; beds available: 20-25)

Conference fees

	Early bird	after July 31, 2016
Member	150.00 €	180.00 €
Member – reduced*	110.00 €	140.00 €
Non-member	180.00 €	210.00 €
Non-member – reduced*	140.00 €	170.00 €
Day ticket (without social event)		80.00 €

* half position, retired, unemployed, student with verification

Conference Venue

Technische Universität Darmstadt
Hochschulstraße 1 - S 1 03 / 2nd Floor



Old main building,
Photo: Thomas Ott /TU Darmstadt

Key Dates

- 1st call: 15 Nov 2015
- 2nd call: 15 Feb 2016
- Registration/submission open: 29 Feb 2016**
- 3rd call: 30 Apr 2016
- Deadline for abstracts: 31 May 2016
- Notification of acceptance: 1 Jul 2016
- Early bird registration: 31 Jul 2016
- Deadline final abstracts: 15 Aug 2016

Conference Website

www.dvs2016.tu-darmstadt.de

Contact

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11th Joint Conference on Motor Control & Learning, Biomechanics & Training

HUMAN MOVEMENT AND TECHNOLOGY - **Second Call**

Darmstadt, 28 – 30 Sept 2016



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11th Joint Conference on Motor Control & Learning, Biomechanics & Training

The 11th interdisciplinary meeting of the DVS (German Society of Sport Science; website: www.sportwissenschaft.de) sections biomechanics, motor behaviour and training science will take place in Darmstadt. The conference aims at bringing together scientists from the three disciplines to discuss current research issues at the intersection of biomechanics, motor control and learning and training science. A special emphasis will be on the application of technologies to analyse and support human movements. In these research fields numerous technologies have been developed and applied like measurement systems, simulation systems or presentation technologies.

In this regard, technology can be used either as a research or an intervention tool. To fully exploit the potentials of these technologies an interdisciplinary account is required considering the psychophysiological as well as the physical aspects of these technologies.

Selected Topics (not exclusive)

- Innovative measurement and assessment techniques
- Technology-supported training and exercise
- Assistive technologies in sports and rehabilitation
- Modelling and simulation techniques
- Performance analysis
- Notational analysis, game/match analysis
- Sports devices
- Sports biomechanics
- Neuro-muscular mechanisms in sports
- Modelling adaptations in sport
- Serious games in sport
- Training of children and youth in sport
- Technical modelling and robotics
- Methods and advances in strength, endurance, and flexibility training
- Methods for motor learning and technique training
- Training in sport games
- (Neuro-)Enhancement techniques
- Brain and movement
- Functional overreaching and overtraining
- Monitoring and prescription of training
- Training in game sports
- Aspects of training in the elderly
- Technique training with young athletes

Keynote Speakers

1. Aaron Coutts, University of Technology Sydney
Monitoring athlete training: theoretical concepts and practical applications
2. Jan Peters, TU Darmstadt
Motor Skill Learning: From Simple Skills to Table Tennis and Manipulation
3. Dagmar Sternad, Northeastern University, Boston
From Simple Movements to Complex Skills: A Task-Dynamic Approach to Motor Control
4. Maarten Bobbert, VU Amsterdam
Possibilities and limitations of musculo-skeletal modelling and optimization in sports and rehabilitation



Photo: Lauflabor/
TU Darmstadt

Contributions

Contributions to the conference can be:

- Single papers (oral presentation)
- Thematic sessions (3-4 papers)
- Posters

The submitted two-page abstracts will be evaluated by members of the Scientific Committee. Please use the template on the conference website.
