



**7th International Workshop on Linear Profiling in the Warmblood Horse
on 29th - 30th March 2023 in Grebin / Plön, Germany**
with focus on practical linear description of gaits in horses of different age and
on technologies which could supplement linear profiling applications for sport horses

– FINAL PROGRAM –

Wednesday, 29th March 2023

(theoretical part at Festscheune Rixdorf close to Plön, practical part at Gut Schönweide, Grebin)

- 10:00 - 10:30 Registration; coffee and refreshments at Festscheune Rixdorf
- 10:30 - 10:45 Welcome and introduction to the 7th International Workshop on Linear Profiling in the Warmblood Horse (IWSLP)
- 10:45 - 12:00 **Theory session I: presentations preparing for the practical part ('warm-up')**
- 10:45 - 11:05 *K. F. Stock (Germany) / EAAP HC, WBFHS:*
Lessons learned from working with linear data
– how to let the equine community benefit from collaborative initiatives
- 11:10 - 11:30 *A. Gmel (Switzerland) and M. Ablondi (Italy):*
Using sensor technology to quantify gait quality
– what to consider and how to organize measurements in the field
- 11:35 - 11:55 *I. Workel and P. Eitenmüller (Germany):*
Linear description in the Oldenburg studbooks
– overview and introduction of the routine collection of linear data
- 12:00 - 13:00 Lunch at Festscheune Rixdorf
- 13:30 - 18:00 **Practical exercises on linear description**, supplemented by practical demonstration of sensor technology for gait analysis in horses, at Gut Schönweide, Grebin, followed by a guided stud tour
- 13:30 - 15:45 Practical exercises part I (linear description / 4 groups)
- 15:45 - 16:15 Coffee break
- 16:15 - 17:15 Practical exercises part II (sensor technology / 2 systems)
- 17:15 - 18:00 Guided stud tour
- 18:00 - 19:00 Time to check in at accommodation
- 19:30 Conference dinner (optional) at restaurant 'Prinzenhuus' in Plön

Thursday 30th March 2023 (Festscheune Rixdorf close to Plön)

- 08:30 - 09:45 **Theory session II: linear description in sport horse breeding**
- 08:30 - 08:50 *L. Chapard, I. Meurrens, N. Buys, S. Janssens (Belgium):*
Early life jumping traits and their genetic correlations with later success in competitions in Belgian Warmblood horses
- 08:55 - 09:15 *S. Bonow, S. Eriksson, E. Strandberg, E. Thorén Hellsten, Å. Gelinder Viklund (Sweden):*
Linearly scored traits associated with sport performance in Swedish warmblood horses
- 09:20 - 09:40 *K. F. Stock, M. Wobbe, H. Alkhoder, I. Workel, A. Hahn, W. Schulze-Schleppinghoff (Germany):*
Genetic and genomic correlation analyses of linear traits and their implications for targeted support of sport horse breeding



- 09:45 - 10:00 Coffee and refreshment
- 10:00 - 11:35 **Theory session III: developments in using linear data and more in horse breeding and population management**
- 10:00 - 10:20 A. Vicente, M. Mateus, J. Ralão-Duarte, N. Carolino (Portugal):
Linear profiling in Lusitano horses: genetic parameters and plans for further development
- 10:25 - 10:45 V. Asti, M. Ablondi (Italy): Objective movement assessment in horses: first results from using sensor technology in Italian horses
- 10:50 - 11:10 A. Gmel et al. (Switzerland): Shape and gaits 2.0: four seasons of objectively measuring young Swiss horses in the field
- 11:15 - 11:35 A. Ricard, P. Pourcelot, B. Dumont Saint Priest, N. Crevier-Denoix, S. Danvy (France):
Use of automatically collected data on horses in France: 3D morphology breeding values of stallions
- 11:40 - 11:45 Short break
- 11:45 - 12:45 **Summary and wrap-up: considerations for the future**
- 11:45 - 11:55 W. Conlon (Ireland), I. Madsen (Denmark) / IYB:
Linear description in education and training – potential and challenges
- 12:00 - 12:15 K. F. Stock (Germany) / EAAP HC, WBFSh:
Summary of the practical exercises and key points from the presentations
- 12:15 - 12:45 *all speakers and audience*:
General discussion; further plans for the IWSLP event series and activities around linear profiling
- 12:45 - 13:45 Lunch

How to get to the workshop venue?

The 7th IWSLP is held at **Festscheune Rixdorf** (Gut Rixdorf; <http://www.festscheune-rixdorf.de/>). From Plön city centre it takes about 10 minutes by car to get there. The larger number of workshop participants travelling by their own cars or having rental cars should allow that those without cars can be picked up. Coordination of transfers (airport to Plön, Plön to conference venue and stud) is ongoing.

Street address: Alte Schmiede Rixdorf, 24306 Rixdorf

The practical part is organized at the nearby stud **Gut Schönweide** (<https://www.schoenweide.de>), and we are very grateful that we will be welcomed in these beautiful surroundings. From the venue, it is approximately 10 km by car, and again, nobody needs to be worried about how to get there. We will be enough people with cars, implying that there will be someone who can give you a ride.

Street address: Gut Schönweide, 24329 Grebin

The conference diner (optional) will give the opportunity to continue the talks in relaxed atmosphere. It will be at the restaurant 'Prinzenhuus' in Plön. Please be prepared to pay by your own; diner is not included in the conference fee. Street address: Markt 14, 24306 Plön

Conference fee

Invoices have been issued using the billing address entered in the registration form. Payment is possible either cash (not by card!) at the registration desk on 29 March 2023 or online via Paypal (to: iwslp.eaaphc@email.de; indication of event title 'IWSLP2023' plus first name and surname of the registrant or of all registrants paid for). Receipts will be sent by e-mail and handed over on-site.

If you have any questions concerning the workshop, please do not hesitate to contact the organization team of the 7th IWSLP, reached through the representative of the EAAP Horse Commission, Kathrin F. Stock (E-mail: friederike.katharina.stock@vit.de; phone: +49 4231 955623).