# Online course
## The basics of objective gait analysis



28th of February - 1st of March

Do you wish to start using an objective gait analysis tool such as SleipAI? Or, are you already a user but would like to become better at interpreting the results? Then this 2-day course is for you! The focus will be on SleipAI but we will also cover and compare to other systems such as Q-Horse, Lameness Locator, EquiPro and Equigait.

The following topics will be covered:

- Output from different systems (focus on SleipAI)
- How to collect quality data
- Measurements and interpretation of lungeing/flexion tests/PPE
- Compensatory lameness patterns
- Measuring the ridden horse
- Lameness in Icelandic horses and Trotters

The course contains:

- 6 hours of lectures explaining the theory behind and interpretation of objective gait analysis data.
- 2.5 hours of theoretical case studies and discussion

**Venue:** Online 2-day course

**Course fee:** 5000 SEK/ EUR 450 (ex moms/VAT)

The course fee includes extensive electronic course notes and a certificate of attendance.

Early course registration is recommended, as there are only a limited number of places.

Information and registration:
emma.p.sjodin@gmail.com

## INSTRUCTORS

**Marie Rhodin, DVM, Dipl. ACVSMR, ECVSMR,** Professor at the department of Animal Biosciences, Swedish University of Agricultural Sciences. She graduated 2003, PhD in 2008 where she studied horse and rider interaction. She has experience in objective motion analysis for lameness detection with techniques as high-speed cameras ,inertial measure units and computer vision. Her main research focus is equine orthopedics, gait analysis and lameness in different species and has published more than 80 peer-reviewed scientific papers.





**Emma Persson-Sjödin, DVM, PhD,** Swedish University of Agricultural Sciences (SLU). Obtained her PhD with a thesis on the clinical significance and interpretation of vertical movement asymmetries in riding horses under different circumstances and the use of objective systems to improve orthopaedic diagnostics. Today she divides her time between equine biomechanics research focusing on clinical interpretation, orthopaedic work at the University Equine Clinic and lectures in equine anatomy.