



**4th European GAITRite Meeting,
24-26 September 2009, Basel, Switzerland**

Clinical Applications of Spatial and Temporal Gait Analysis

Organizer:

Reto W. Kressig, MD
rkressig@uhbs.ch
Basel Mobility Center
Department of Acute Geriatrics
Basel University Hospital
Schanzenstrasse 55
CH-4031 Basel, Switzerland

Final Program

Thursday, Sept 24:
17:00 – 20:00

Pre-conference technical discussions and special topics on the GAITRite system (Hotel Rochat):

Technical discussions: *Doug Haas & Mike Rowling, GAITRite/CIR Systems Inc.:*

- New applications and new software / hardware developments including introduction of the M-Sqr (GAITRite M²)
- Open, informal discussions on suggestions and needs expressed by GAITRite users

Special topics: Quadruped Gait Analysis with the GAITRite system

- What's new concerning the GAITRite system in small animal gait analysis?

Spatial, temporal and kinetic evaluation of normal cats at walk using a pressure walkway,

Hip dysplasia in dogs: correlation between lameness, radiographics and walkway gait analysis: *Prof. Eric Viguier and coll., Ecole Nationale Vétérinaire de Lyon, Marcy l'Etoile, France*

- Gait variability: from dog to human: *Prof. Olivier Beauchet, Médecine Interne et Gérologie Clinique, CHU Angers, France*

- Automated cow gait analysis for lameness detection:
Dr Willem Maertens, ILVO, Merelbeke, Belgium (presented by Michael Rowling)

20:00 – 21:00

Welcome Cocktail (Hotel Rochat)

4th European GAITRite Meeting

Clinical Applications of Spatial and Temporal Gait Analysis

Friday, Sept 25:
08:30 – 09:00

Welcome Gathering with Coffee

09:00 – 09:10

Opening: *Prof. Reto W. Kressig, Basel University, Switzerland*

Key Speakers

09:10 – 10:00

Normalization of Gait Speed: *Prof. Rolf Moe-Nilssen, Physiotherapy Science, Bergen University, Norway*

10:00 – 10:50

Clinical Decision Making Utilizing GAITRite for Patients with Movement Disorders: *Prof. Ashwini K. Rao, HDSA Center of Excellence at Columbia University Medical Center, New-York, USA*

10:50 – 11:10

Coffee break and Poster Exhibition

11:10 – 12:00

Gait Variability Update 2009: *Prof. Olivier Beauchet, Médecine Interne et Gériatrie Clinique, CHU Angers, France*

12:00 – 12:50

Combining Gait and Cognition: the Basel Assessment Model: *Dr. Stephanie Bridenbaugh, Basel Mobility Center, Basel University Hospital, Switzerland*

12:50 – 14:30

Lunch (hospital cafeteria) and Poster Exhibition

14:30 – 15:00

Plotting Measurements over Time – Bringing Clarity to Functional Measurements: *Mike Rowling, GAITRite/CIR Systems*

15:00 – 18:00

Oral Presentation Session

(Presentation = 15 min, Discussion = 5 min)

- Spatio-temporal gait analysis using an instrumented walkway Normal database, validity and reliability: *Dr Veronique Feipel, Laboratory for Functional Anatomy, Université Libre de Bruxelles, Belgium*

- Spatio-temporal gait parameters in severely obese vs. non obese individuals: *Dr Nicola A. Maffioletti, Neuromuscular Research Laboratory, Schulthess Clinic, Zürich, Switzerland*

- Age related effects on postural control under multitasking conditions : *Urs Granacher / Thomas Mühlbauer, Institute of Exercise an Sports Science, Basel, Switzerland*

- Functional Ambulation Profile: an index for quantifying gait dynamic stability: *Dr Fabrice Mégrot, Centre de Rééducation pour Enfants, Croix Rouge Française, Bois-Larris, France*

16:20 – 16:40

Coffee break and Poster Exhibition

- Mobile metropolitans are fitted for age: first results of LUCAS (Longitudinal Urban Cohort Ageing Study): *Dr med. Jenny Anders, Forschung Albertinen Haus, Zentrum für Geriatrie und Gerontologie, Hamburg, Germany*

- Music based multitask exercises (Jacques-Dalcroze eurhythmics) improves gait and balance in elderly: preliminary results from a randomized controlled trial: *Dr Andrea Trombetti, Département de Réhabilitation et Gériatrie, Hopital Universitaire de Genève, Genève, Suisse*

- Gait parameters are responsive to change in function associated with TNF blockade in people with Ankylosing Spondylitis: *Dr Anthony Redmond, Leeds Inst. for Molecular Medicine, Chapel Allerton Hospital, Leeds, U.K.*

-The IDEEA accelerometry system vs. the GAITRite walkway system in patients with hip osteoarthritis. A validity study: *Julia Glatthorn, Neuromuscular Research Laboratory, Schulthess Clinic, Zürich, Switzerland*

18:00 – 18:10

Closing: *Prof. Reto W. Kressig, Basel University, Switzerland*

19:30 – 20:00

Aperitif (Krafft Restaurant, Basel)

20:00 – 23:00

Gala Dinner (Krafft Restaurant, Basel)

Saturday, Sept 26:

Workshops

09:00 – 12:00

(3 workshops running in parallel, 1h each)

Workshop nr.1

Dual tasking: *Stephanie Bridenbaugh MD, Prof. Reto W. Kressig*

Workshop nr.2

Normalization of gait speed, practical aspects: *Prof. Rolf Moe-Nilssen*

Workshop nr.3

M-Sqr (GAITRite M²), GAITRite technical aspects such as: data processing, editing tools & footfall analysis. *Mike Rowling, Doug Haas*



REGISTRATION FORM

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24-26 September 2009, Basel, Switzerland**

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Mr, Mrs, Ms:

Title:

Organization:

Address:

E-mail address:

Telephone:

**Will attend the pre-conference technical discussions and special topics
(Hotel Rochat), Sept. 24th 2009, 17:00-20:00**

yes	no
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Will attend the 4th European GAITRite Meeting, Sept. 25th 2009

yes	no
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Will attend the workshops, Sept. 26th 2009, 9:00 – 12:00

yes	no
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**Will attend the gala dinner Sept. 25th 2009,
financial participation 60 €**

yes	no
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**Will submit an abstract (deadline extended to September 1st 2009) for
poster only**

yes	No
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**Registration form to be returned by e-mail at gaitrite-meeting@uhbs.ch
by fax +41 61 265 3883 or at the above mailing address**

List of Hotels

Hotel Krafft

Rheingasse 12
4058 Basel
info@krafftbasel.ch

Hotel Basel

Münzgasse 12
4001 Basel
reception@hotel-basel.ch

(when booking, mention "GAITRite" for a special rate)

Hotel Rochat

Petersgraben 23
4051 Basel
info@hotelrochat.ch

(when booking, mention "GAITRite" for a special rate)

Hotel Spalendor

Schönbeinstrasse 1
4056 Basel
info@hotelspalendor.ch

Hotel Schweizerhof

Centralbahnplatz 1
4002 Basel
info@schweizerhof-basel.ch

Hostel

Gästehaus des Universitätsspitals Basel
Mittlere Strasse 39
4056 Basel
hostel@uhbs.ch

Hotel Bildungszentrum 21

Missionsstrasse 21
4003 Basel
info@bildungszentrum-21.ch

(central location and low rate)