



SCHWEIZERISCHE GESELLSCHAFT FÜR NEUROCHIRURGIE
SOCIETE SUISSE DE NEUROCHIRURGIE
SOCIETA SVIZZERA DI NEUROCHIRURGIA
SWISS SOCIETY OF NEUROSURGERY

www.swissneurosurgery.ch

6th Meeting

NEUROspine

«Pain with the back and the brain»

MIS, Robotics, Advanced Neuronavigation

Program

March 3, 2016 | Kursaal Bern

www.imk.ch/neurospine2016

Supported by

SFCNS Swiss Federation of
Clinical Neuro-Societies

SWISS SPINE INSTITUTE

Swiss Society for Spinal Surgery

Welcome to the 6th NEUROspine Meeting



Dear colleagues

We are proud to announce the 6th NEUROspine Meeting, the advanced course of the Swiss Society of Neurosurgery SSNS supported by the Swiss Spine Institute, Swiss Society for Spinal Surgery (SGS) and the Swiss Federation of Clinical Neuro Societies SFCNS. On behalf of the organising committee, we would like to warmly welcome you to the Kursaal in Bern on March 3, 2016.

During this year's meeting, the morning session will cover Part 1 „Pain with the back and the brain“. In the afternoon, we will discuss as Part 2 „MIS, Robotics, Advanced Neuronavigation“.

The morning session highlights back pain viewed from a broad neuropsychosocial perspective. Experts from basic and clinical neuroscience will deal with the multimodal nature of pain and the role of psychosocial factors as significant predictors. Interestingly, findings suggest that the brain may react to psychosocial stress and physical pain in a more similar way than generally assumed. Convergence in physical and psychosocial pain processing has been described. Consequently, the first part of this meeting will discuss pain physiology, pain imaging, evaluation, modulation, psychological assessment, hypnotic analgesia and cognitive modulation.

In recent years, neurosurgical research has been focusing on innovative developments in Neuroimaging, Robotics and Advanced Neuronavigation Technologies. The field of minimal invasive spine surgery has evolved taking advantage of these new methods. We will discuss several recent advances in this field and will discuss appropriate indications, limitations and problems inherent in these rapidly expanding technologies. We will highlight case by case discussions using a voting system for the auditorium that will stimulate the interaction between participants and speakers.

The attractive program includes opinions of leading local and international experts and supports inter- and transdisciplinary work and thoughts. It should catch the attention of neurosurgeons and orthopaedic surgeons with a strong interest in spine surgery, but also anesthesiologists, neurologists, rheumatologists, interventional radiologists, chiropractitioners and physiotherapists as well as exponents of psychiatry, biopsychiatry, psychology and psychosomatics.

We look forward to welcoming you to Bern.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'A. Merlo', written in a cursive style.

Professor Adrian Merlo, MD
President scientific committee
Past President SSNS



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www.swissneurosurgery.ch

Date Thursday, March 3, 2016

Venue Kursaal Bern
Kornhausstrasse 3, 3000 Bern 25, CH
www.kursaal-bern.ch

Audience The NEUROspine meeting is addressed to surgeons, orthopaedists, anesthesiologists, interventional radiologists, rheumatologists, neurologists as well as to general practitioners, chiropractors, physiotherapists and exponents of psychiatry, biopsychiatry, psychology and psychosomatics.

Scientific committee Martin Baur, MD; Nottwil
Gregory Jost, MD; Basel
Prof. Adrian Merlo, MD; Bern (President)
PD François Porchet, MD; Zurich
PD Enrico Tessitore, MD; Geneva

Credits Swiss Neurological Society: 3 credits
Swiss Society of Neurosurgery: 6 credits
Swiss Orthopaedics: 8 credits

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Website www.imk.ch/neurospine2016

Registration and fees (CHF) Please register online via the congress website.

	Early bird until February 14, 2016	From February 15, 2016 and onsite
Physicians	200.-	250.-
Assistants	100.-	150.-

Morning session

Pain with the back and the brain

09:15–09:20	Welcome Adress Adrian Merlo, Bern
09:20–10:30	Basic and Clinical Neuroscience of Back Pain, Session I
Chairs	Max Aebi, Bern; Martin Baur, Luzern
09:20–09:40	Cognitive modulations of pain: how neurotransmitters are involved Chantal Berna Renella, Lausanne
09:45–10:05	Neuroimaging of pain processing pathways Roland Wiest, Bern
10:10–10:30	Psychosocial „risk“ factors for low back pain Peter Keel, Basel
10:30–10:50	<i>Coffee Break</i>
10:50–12:10	Basic and Clinical Neuroscience of Back Pain, Session II
Chairs	Paul Fayada, Paris; Andreas Raabe, Bern
10:50–11:10	Pre and postsurgical evaluation Anne F. Mannion, Zürich
11:15–11:40	Hypnosis and psychosocial pain Walter Bongartz, Homburg TG and Konstanz (DE)
11:45–12:05	Musculoscelettal dynamics and personality in scoliosis surgery Paul Fayada, Paris (FR)
12:10–13:30	<i>Lunch in the industrial exhibition</i>

Registration
www.imk.ch/neurospine2016

Afternoon session

MIS, Robotics, Advanced Neuronavigation

13:30–15:00	Lumbar MIS (case discussions by voting)
Chairs	Christian Etter, Aarau; Enrico Tessitore, Genève
13:30–13:50	Minimal invasive techniques in spinal surgery – case discussion I Ulrich Seidel, Münsingen
13:50–14:00	Case discussion I
14:00–14:15	Evidence for MIS and open surgery – case discussion II Claudio Schonauer, Genève
14:15–14:30	Case discussion II
14:30–14:45	The evolution of MIS and how to reduce radiation exposure – case discussion III Duccio Boscherini, Lausanne
14:45–15:00	Case discussion III
<i>15:00–15:30</i>	<i>Coffee Break</i>
15:30–17:00	Advanced navigation techniques in spinal surgery
Chairs	Gianluca Maestretti, Fribourg; François Porchet, Zürich
15:30–15:50	iCT based neuronavigation in spine surgery Michael Payer, Zürich
15:55–16:15	Evolution of robotics in spine surgery Bawarjan Schatlo, Göttingen (DE)
16:20–16:35	Evidence-based robotic spine surgery Enrico Tessitore, Genève
16:40–16:55	New technical options for spinal navigation Gregory Jost, Basel
17:00	Conclusion Adrian Merlo, Bern
<i>from 17:15</i>	<i>Apéro</i>

Speakers and Chairmen

Prof. Max Aebi, MD, Dr. h.c.
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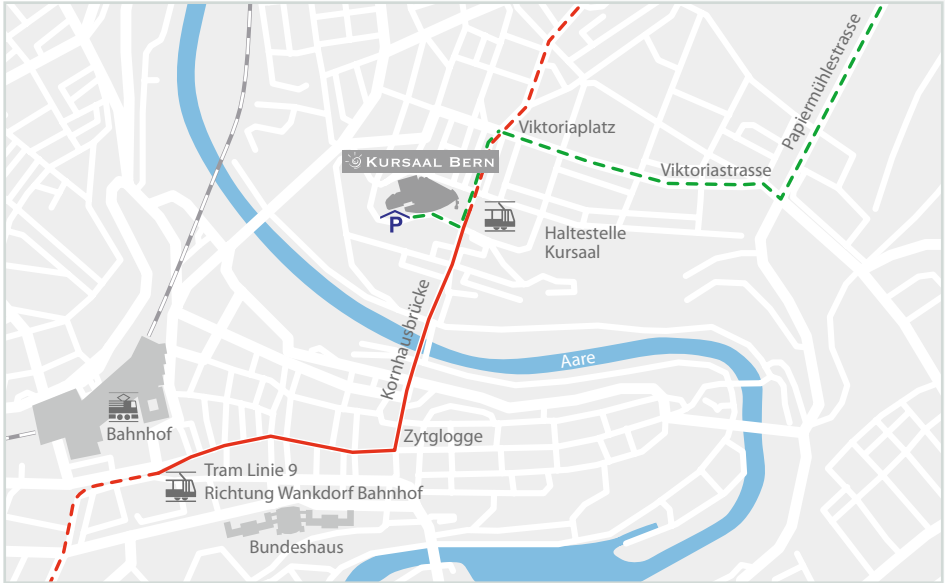
3rd SFCNS Congress

**Swiss Federation of
Clinical Neuro-Societies**

September 28 - 30, 2016
Congress Center, Basel
www.imk.ch/sfcns2016

Organized by **IMK** Institute for medicine and communication Ltd

Directions



The Kursaal Bern is very conveniently located and has its own tram stop. We recommend the use of the city's excellent public transport system. Trams operate between Bern Railway Station and the "Kursaal" stop in both directions at approximately 10-minute intervals.

Arriving by train:

On arrival at Bern Railway Station, take tram no. 9 in the direction of "Wankdorf Bahnhof". Get off 5 minutes later at the "Kursaal" tram stop.

Arriving by car:

- Highway exit Bern-Wankdorf, follow the signage Zentrum-Papiermühlestrasse
- follow the street until 3rd crossing, turn right into Viktoriastrasse and follow signage Hotel Allegro/Kursaal
- at Viktoriaplatz turn left into Kornhausstrasse. Hotel Allegro/Kursaal is situated on the right side

Partner companies

Partners

