

[MEET THE EXPERT]

IMPLANTS

Innovation – from Idea to Patient Benefit

Conference Programme

25 / 26 April 2016

Congress Centre Kursaal Interlaken
CH-3800 Interlaken

Information and registration:
www.medical-cluster.ch/mte-en

medical cluster 



Welcome to [MEET THE EXPERT] Implants 2016!

We look forward to seeing you in Interlaken at the end of April. You can expect a varied and interesting programme, as well as top international speakers.

Conference outline

The conference is dedicated to professionals from the fields of active and passive implants. This year's programme focuses on innovation - from developments in medical technology to product earnings in the market. The conference will include Keynote Lectures, short presentations, panel discussions and a poster display. The tabletop exhibition and 1-on-1 meetings will provide ample opportunity for individual discussions and networking. The aim of the event is to facilitate the presentation of new developments, the exchange of know-how and promote collaboration between implant producers, suppliers and users. The official conference language is English.

Panel discussion

On Tuesday afternoon selected experts will discuss difficulties related to Regulation versus Innovation.

1-on-1 Meetings

All participants are invited to arrange individual partnering meetings free of charge during the conference.

Tabletop exhibition

An integral part of the conference is the tabletop exhibition (CHF 1'500, excl. VAT includes registration fee for one attendee). Exhibitors will have the opportunity to give a 1-minute flash presentation of their product or service to the plenum.

Responsible for the programme

- Dr. Simon Berner, Institut Straumann AG
- Dr. Lukas Eschbach, RMS Foundation
- PD Dr. habil. Christiane Jung, KKS Ultraschall AG
- Dr. Urban Schnell, Helbling Technik Bern AG
- Dr. Martin Stöckli, inspire AG
- Prof. Dr. Michael de Wild, FHNW
- Sven Zybell, Synthes Produktions GmbH

Conference administration

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Industry Partner

MATHYS 
European Orthopaedics

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Conference Programme Monday, 25 April 2016

09:30	Registration	
10:00 - 10:15	Welcome: Peter Biedermann, Dr. Lukas Eschbach Denis Grisel, President Bern Economic Development Agency	
	Plenary Session 1 Chair: Dr. Lukas Eschbach	
10:15 - 11:00	Industry partner presentation <i>Innovation management: the many hurdles between good ideas and market success</i> Dr. Daniel Delfosse, Mathys Medical Ltd., CH	
11:00 - 11:30	<i>Keynote 1: When technology is running on your nerves</i> Claude Clément, Wyss Center, CH	
11:30 - 12:15	Flash presentations exhibitors	
12:15 - 13:45	Lunch (Exhibition / Posters / 1-on-1 Meetings)	
	Plenary Session 2 Chair: Dr. Urban Schnell	
13:45 - 14:15	<i>Keynote 2: Mechanical biocompatibility of biomedical materials</i> Prof. Dr. Edoardo Mazza, ETH Zürich, CH	
14:15 - 14:45	<i>Keynote 3: Technology Transfer – a catalyst to generate added value in finding new solutions</i> Ann Van Mele, Verhaert New Products & Systems, BE	
14:45 - 15:10	Flash presentations posters	
15:10 - 15:50	Break (Exhibition / Posters / 1-on-1 Meetings)	
	Session 3a: Implant surfaces Chair: Dr. Simon Berner	Session 3b: Active implants Chair: Dr. Urban Schnell
15:50 - 16:10	<i>Achieving macro- and micro-roughness on Ti alloy by etching only without prior sandblasting</i> Prof. Serge Sz mukler-Moncler, Oral Biology Lab, University of Cagliari, IT	<i>Multi-Layer Circuits with LCP and Noble Metals: Technology and Characterization</i> Maximilian Bee, Cicor, DE
16:10 - 16:30	<i>Antibacterial coatings for medical applications, prepared by atmospheric pressure plasmas</i> Sebastian Spange, INNOVENT e. V., DE	<i>EMG measuring and nerve stimulation implant</i> Dr.-Ing. Matthias Völker, Fraunhofer IIS, DE
16:30 - 16:50	<i>Spectracoat: A new surface treatment technology to color medical instruments, devices and implants</i> Thanh Long Nguyen, Steiger Galvanotechnique SA, CH	<i>Development of a highly integrated, multifunctional brain probe with extended functionality</i> Daniel Schenk, CARAG AG, CH
16:50 - 17:10	<i>Novel titanium coatings on polymeric implants</i> Sylvie Ruch, Orchid Orthopedics Switzerland GmbH, CH	<i>Implantable micro sensors for telemetric measurement of intraocular pressure at glaucoma patients</i> Max Ostermeier, Implants Ophthalmic Products GmbH, DE
17:10 - 17:30	<i>Electron Beam for polymer material modification - let's get functional!</i> Dr Michael Biemann, COMET ebeam Technologies, CH	<i>Minimally invasive cochlear implants - relationships between implant and surgical technique</i> Prof. Dr.-Ing. Stefan Weber, UniBE, CH
17:30 - 18:30	Aperitif / Exhibition / Posters	
19.00	Dinner at Hotel Metropole	

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Conference Programme Tuesday, 26 April 2016

Plenary Session 4:

Chair: Prof. Dr. Michael de Wild

08:30 - 09:00

Keynote 4: Future Business Modells
Georg von der Ropp, BMI Lab AG, CH

09:00 - 09:30

Keynote 5: Regulatory Constraints and Innovation: boon and bane?
Hans-Heiner Junker, TÜV SÜD Product Service GmbH, DE

09:30 - 10:30

Break (Exhibition / Posters / 1-on-1 Meetings)

Session 5a: Materials and process innovation

Chair: Dr. Martin Stöckli

10:30 - 10:50

NICE - the restorative dental ceramic of the future
Andrew Burg, Institut Straumann AG, CH

10:50 - 11:10

Development of patient-specific orbital floor implants made of shape memory alloys
Christian Rotsch, Fraunhofer-Institut für Werkzeugmaschinen und Umformtechnik IWU, DE

11:10 - 11:30

Production of new micro cardiac implantable devices in Switzerland
Dominique Piguët, Medtronic Sàrl, CH

11:30 - 11:50

Industrialization / Automation manufacturing of active medical devices in high labor cost countries
Marcel Dubey, CPAutomation SA, CH

11:50 - 12:10

Lasers in materials processing
Prof. Dr. Patrik Hoffmann, Empa, CH

12:10 - 13:30

Lunch (Exhibition / Posters / 1-on-1 Meetings)

Plenary Session 6

Chair: Dr. Lukas Eschbach

13:30 - 13:50

Innovation - A Precious Diva
Jérôme Bernhard, CARAG AG, CH

13:50 - 14:10

Three-Dimensional Prosthesis Planning Based on Conventional X-Ray Radiographs
Jan Stifter, Medivation AG, CH

14:15 - 15:30

Roundtable discussion: Regulation versus Innovation

Participants:

Claude Clément, Dr. Daniel Delfosse, Dr. h.c. Robert Frigg, Hans-Heiner Junker, Armin Schrick

Moderator: Dr. Heiko Visarius

15:30

End of conference

Session 5b: Regulatory

Chair: PD Dr. Christiane Jung

483 Response: Common Pitfalls and How to Avoid Them

Prof. Daniela Drago, George Washington University, USA

Regulation matters - impact on product innovation & development and success

Dr. Margit Widmann, SQMT-R, CH

Challenges and consequences for industry based on the revision of ISO 10993-1, -17 and -18

Dr. Albrecht Poth, Eurofins BioPharma Product Testing Munich, DE

Adaptive Clinical Study Design - Shorten your time to market

Dr. Michel Weber, ISS AG, CH

How to meet FDA's criteria for reprocessed medical devices?

Dr. Nicola Revellin, NAMSA, FR

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Poster Session

- 1 The Role and Integration of Human Factors in Implant Innovation
Dr. Virginia A. Lang, HirLan International SA, CH
- 2 Digital instructions for medical devices - benefits and regulatory requirements
Hans Strobel, dokspot GmbH, CH
- 3 Alteration of electrostatic potential of the titanium implant surface by antibacterial copper deposits
PD Dr. habil. Christiane Jung, KKS Ultraschall AG, CH
- 4 Hard coatings: a smooth ceramic on a metal implant
Dr. Antonio Santana, IHI Ionbond AG, CH
- 5 Preliminary microstructural investigation of Mg produced by SLM
Michael de Wild, University of Applied Sciences Northwestern Switzerland, CH
- 6 Hermetic glass laser welding – the smart way for implant and in-body sensor encapsulation
Beat Scheidegger, GlencaTec AG, CH
- 7 RF- and gradient-exposure libraries for implants safety assessment during MRI
Earl Zastrow, IT'IS Foundation, CH
- 8 Powerful Novel Tools in Sim4Life for Creating Models from Medical Image Data
Dr. Erdem Ofli, ZMT Zurich MedTech AG, CH

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Registration fees

Members of the Medical Cluster, CHF 550.-*
Non-members, CHF 650.-*
Students (full time, unemployed), CHF 300.-*
Single day visit on either Monday or Tuesday, CHF 370.-
Dinner on Monday, incl. drinks, CHF 85.-
Tabletop exhibition incl. 1 entry, CHF 1'500.-

All prices excl. 8 % VAT.

The prices above include conference entry, materials, documentation, 1-on-1 Partnering and all meals during the meeting. Rates marked with * will be reduced by CHF 50.- when registering before 6 April 2016. Accommodation and dinner on Monday are not included in the prices.

Registration

Please register until 20 April 2016 at:
www.medical-cluster.ch/mte-en

The fee for registration cancellation up to 7 days before the event is CHF 50.- No refund will be given for cancellations made less than 7 days before the event, though the registrant may transfer the ticket to another person to attend as a replacement.

Venue / Travel

Congress Centre Kursaal Interlaken
Strandbadstrasse 44
CH-3800 Interlaken
How to get there: www.congress-interlaken.ch

Hotel

For information contact:

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