

[MEET THE EXPERT]

IMPLANTS

Technologies and Innovation for Cost Reduction

Meeting program

7./8. May 2015

Congress Centre Kursaal Interlaken
CH-3800 Interlaken

Information and registration:
www.b2match.eu/meet-the-expert-2015

medical cluster 



The conference

This conference is dedicated to professionals and anyone interested in the area of **passive** as well as **active implants** and the current issues related to these two areas. This two-day meeting encompasses both keynote lectures and short presentations, allowing room in between for discussion and networking at the tabletop exhibition which is held in parallel. For the first time, we are offering **1-to-1-partnering** during this conference. The aim of this event is to present new developments in the field, facilitate know-how exchange and foster co-operation between implant manufacturers, subcontractors and users.

At the 2015 [MEET THE EXPERT] conference, a special focus will be in the challenges that the Medtech industry faces when confronted with the current **cost pressure** situation. The presentations will be held in German or English with a simultaneous translation into the respective other language.

Tabletop exhibition

A tabletop exhibition will accompany the conference (Tabletop price CHF1'500.- excl. VAT, including registration for one person). Tabletop exhibitors have the opportunity to showcase their companies' products to a broad audience during a one minute flash presentation.

Registrations can be made at:
www.b2match.eu/meet-the-expert-2015/registration

Organization

Peter Biedermann, Medical Cluster
peter.biedermann@medical-cluster.ch
Lukas Eschbach, RMS Foundation
lukas.eschbach@rms-foundation.ch

Program committee

- 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, FH Nordwestschweiz
- Sven Zybell, Synthes Produktions GmbH

Secretariat

Medical Cluster
Schwarztorstrasse 31
CH 3007 Berne
Tel. +41 31 330 97 79
doris.loretan@medical-cluster.ch
www.medical-cluster.ch

Industry partner



[MEET THE EXPERT] Technologies and Innovation for Cost Reduction

IMPLANTS

Meeting program Thursday, 7. May 2015

09:30	Registration		
10:00 - 10:15	Welcome		
	Session 1		
	Chair: Dr. Lukas Eschbach		
10:15 - 11:00	<i>Presentation Industry partner: Overcoming Hearing Loss Through New Implant Technologies (EN)</i> Carl van Himbeeck, Cochlear AG, BE		
11:00 - 11:30	<i>Keynote 1: Reasons of cost pressure and possible countermeasures (DE)</i> Eric Perucco, MedBrainTec, CH		
11:30 - 12:15	Flash presentations exhibitors		
12:15 - 13:45	Lunch (Exhibition / Posters / 1to1-Partnering)		
	Session 2		
	Chair: Dr. Lukas Eschbach		
13:45 - 14:15	<i>Keynote 2: Is high-tech surgery a cost driver? Practical answers and innovative solutions from the research workshop of an oral and maxillofacial surgeon (DE)</i> Prof. Dr. Hans-Florian Zeilhofer, Universitätsspital Basel, CH		
14:15 - 14:45	<i>Keynote 3: «3D-Printing» a game changer for product development and design (DE)</i> Prof. Dr. Mirko Meboldt, ETH Zürich, CH		
14:45 - 15:00	Flash presentations posters		
15:00 - 15:50	Break (Exhibition / Posters / 1to1-Partnering)		
	Session 3a: Surfaces		Session 3b: Active Implants
	Chair: Prof. Dr. Michael de Wild		Chair: Dr. Urban Schnell
15:50 - 16:10	<i>The Role of Surface Properties and Their Biological Impact on Osseointegration (DE)</i> Francisco Faoro, Institut Straumann AG, CH		<i>The development process as a central tool in cost management (EN)</i> Hans Bernhard, Helbling Technik Bern AG, CH
16:10 - 16:30	<i>Functional Thin-film coating: added value at low cost (EN)</i> Sina Göhl-Gusenleitner, SuSoS AG, CH		<i>Brain mapping for new insight in neurotherapeutic & diagnostic solutions (EN)</i> Dr. Arno Aarts, ATLAS Neuroengineering bvba, BE
16:30 - 16:50	<i>Laser assisted surface functionalization (DE)</i> Dr. Georg Astl, Eoswiss Engineering Sarl, CH		<i>Flex PCB Reliability: An objective evidence based approach for long-term cost avoidance (EN)</i> Dr. Hans-Peter Klein, DYCONEX AG, CH
16:50 - 17:10	<i>Time and Material Saving Laser Microtomy for Hard Tissue and Implants (DE)</i> Dr. Brigitta Stolze, LLS ROWIAK LaserLabSolutions		<i>Security of Wireless Implantable Medical Devices (EN)</i> Dr. Dave Singelée, KU Leuven, BE
17:10 - 17:30	<i>Roxolid® the new gold standard for implant materials in dental implantology (DE)</i> Dr. Florian Dalla Torre, Institut Straumann AG, CH		<i>World's smallest long-term implantable pressure sensor (EN)</i> Dr. Mark Fretz, CSEM, Alpnach, CH
17:30 - 18:30	Aperitif / Exhibition / Posters		
ab 19.00	Dinner at Hotel Metropole		

[MEET THE EXPERT] Technologies and Innovation for Cost Reduction

IMPLANTS

Meeting program Friday, 8. May 2015

Session 4

Chair: Sven Zybell

- 08:30 - 09:00 *Keynote 4: Trends in magnesium implants (DE)*
Prof. Dr. Regine Willumeit-Römer, Helmholtz-Zentrum Geesthacht, DE
- 09:00 - 09:20 *Using the Lean and Six Sigma approach to lower production cost and maintain competitiveness(DE)*
Dr. Bruno Rüttimann, inspire AG, CH
- 09:20 - 10:20 Break (Exhibition / Posters / 1to1-Partnering)

Session 5a: Regulatory

Chair: PD Dr. Christiane Jung

- 10:20 - 10:40 *Efficient testing strategies for Medical Devices including new concepts in risk assessment and new in vitro test systems (DE)*
Dr. Albrecht Poth, Eurofins BioPharma Product Testing, DE
- 10:40 - 11:00 *Clinical Investigations with Implants: View of the development company and of the CRO (DE)*
Dr. Michel Weber, ISS AG, CH
- 11:00 - 11:20 *Simulation of the use of plastics in the medical sector with respect to leachables (DE)*
Bernhard Burn, INTERLABOR Belp AG, CH
- 11:20 - 11:40 *How to leverage CE data of implants used for CE marking in the US for PMA approval (EN)*
Dr. Ralf Hess, PAREXEL International, DE
- 11:40 - 12:00 *Emerging & Re-emerging markets: how to navigate innovation thru global regulatory approvals (EN)*
Dr. Vincent Legay, NAMSA, FR

Session 5b: Simulations, Models

Chair: Dr. Simon Berner

- Skull model for CMF (cranio maxillofacial fracture) trauma Education (EN)*
Heinz Hügli, SYNBONE AG, CH
- Reducing risk and R&D costs using medical image based population studies in orthopaedic implant development (EN)*
Markus Fremmer, Materialise GmbH, DE
- Automated workflow for patient specific robust design optimization: an example for plate osteosynthesis (EN)*
Joël Grognez, CADFEM (Suisse) AG, CH
- Predicting Primary Stability in Novel Bone Level Tapered Implants (EN)*
Francisco Faoro, Institut Straumann AG, CH
- Modelling alterations in hemodynamics caused by aneurysm implants (EN)*
Wolfgang Wiedemair, Zurich MedTech AG, CH

- 12:00 - 13:30 Lunch (Exhibition / Posters / 1to1-Partnering)

Session 6: Manufacturing and processes

Chair: Dr. Martin Stöckli

- 13:30 - 13:50 *Unchanging long tool life in titanium (DE)*
Michael Zuber, Diametal AG, CH
- 13:50 - 14:10 *Innovation for joint implants under cost pressure (DE)*
Dr. Martin Schmidt, Jossi Orthopedics AG, CH
- 14:10 - 14:30 *Balancing product safety and cost effectiveness - considerations in factory & cleanroom design (DE)*
Stephan Fischer, IE Life Science Engineering, CH
- 14:30 - 14:50 *Process Design for Usability EN 62366 (DE)*
Raimund Erdmann, Erdmann Design AG, CH
- 14:50 - 15:20 *Keynote 5: Process optimization for cost reduction: practical examples (DE)*
Sven Zybell, Synthes Produktions GmbH, CH
- 15:20 End of conference

[MEET THE EXPERT] Technologies and Innovation for Cost Reduction

IMPLANTS

Poster Session

- 1 *Predictive in-vitro models for the study of tissue-implant interaction*
Dr. Samantha Chan, Empa St. Gallen, CH
- 2 *Investigation of Stiffness-isotropy of Different Lattice Geometries*
Jasmin Rüegg, FH Nordwestschweiz, CH
- 3 *Thin Film Flexible Circuits for Medical Applications: Technology and Characteristics*
Maximilian Bee, Cicor AMS Reinhardt Microtech GmbH, CH
- 4 *Cell viability on titanium implant surfaces modified with antibacterial copper*
PD Dr. habil. Christiane Jung, KKS Ultraschall AG, CH
- 5 *Cost-reduction via in silico trials: MR-safe implant design and evaluation*
Earl Zastrow, IT'IS Foundation, CH
- 6 *Evaluation of implant surface coating bioactivity obtained by atomic layer deposition technique*
Evgeny Zolotukhin, CONMET, LLC, RU
- 7 *Smart electronics: the eye opener for the future*
Stefan Gogaert, AnSem, Heverlee, BE
- 8 *Outline of European and US requirements for device approval - intersections and differences*
Dr. Ralf Hess, PAREXEL International, DE
- 9 *Pitfalls in the evaluation of local tolerance in medical device studies*
Dr. Klaus Weber, AnaPath GmbH, CH

[MEET THE EXPERT] Technologies and Innovation for Cost Reduction

IMPLANTS

Registration fees

Members of the Medical Cluster, CHF 550.-
Non-members, CHF 650.-
Students (full time, unemployed), CHF 300.-
Single day visit on either Thursday or Friday, CHF 370.-
Dinner on Thursday, 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, 1to1-Partnering and all meals during the meeting. Accommodation and dinner on Thursday are not included in the prices.

Registration

Please register until 30. April 2015 at:
www.b2match.eu/meet-the-expert-2015/registration

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:

Interlaken Congress & Events AG
Strandbadstrasse 44
CH-3800 Interlaken
Tel.: +41 (0)33 827 61 00
Fax: +41 (0)33 827 62 05
reception@congress-interlaken.ch
www.interlaken-congress.ch

Sponsors



Industry partner



This event is supported by

