

DISRUPTIVE MORNING

**Peer Briefing On Relevant Topics
in Technology & Innovation**

SPEAKER



Marcel Frei

Head R&D
Ampegon AG
Turgi
Switzerland

Marcel Frei is an electrical engineer with 14 years of professional experience in industrial R&D. He currently works for Ampegon, a leading manufacturer specializing in high power RF and Power Electronics engineering.

NEW SWISSFEL'S TECHNOLOGIES AND ITS TRANSFER TO BROADER APPLICATIONS

For the PSI's SwissFEL project, Ampegon and ETH Zurich developed a novel short pulse modulator for high power microwave amplifiers. The pulse-to-pulse stability is critical for achieving maximum performance at the SwissFEL. Beside this, up-time and energy consumption is crucial in order to achieve low operational costs of such an expensive machine. Therefore, special emphasis was given to these topics during an open innovation process while this modulator system was being developed. For this high level of technological innovation, Ampegon's work was given the Swiss Technology Award 2016 in the category "Innovation Leaders".

- What was the innovation process and what was finally the impact on the technology?
- How could this technology be applied to other applications besides science, such as proton therapy and PEF (pulsed electric fields) applications such as the sterilization of water, food processing, etc.?

AGENDA

7.45 am	Coffee
8.00 – 8.30	Presentation
8.30 – 8.45	Discussion
8.50	Wrap up & End

The audience is limited to 12 participants.
Registration is on a first-come first-served basis:
info@parkinnovaare.ch

DISRUPTIVE MORNING

is an open and highly interactive platform for project leaders and R&D senior executives from various industries as well as for researchers in academia.

Representatives from industry and/or science meet their peers for a comprehensive and yet compact overview of the most relevant topics in technology and innovation.

The purpose of this platform: to provide new insights and ideas; to build solid, ongoing relationships between those at the forefront of innovation. On a regular basis and at different locations. Straight to the point.

The event is free of charge; it will be held in English and/or German, depending on the speaker and the audience.

What Open Innovation impact on SwissFEL Modulator
When Friday | 20th Januar 2017 | From 7:45 AM
Where Ampegon AG | Spinnereistrasse 5 | 5300 Turgi

with practical insights from

AMPEGON
Swiss Technology Award Winner 2016

PARK INNOVAARE

is an innovation center situated in close proximity to the Paul Scherrer Institute PSI. Here, driven by the PSI's expertise, innovations in the fields of accelerator technology, advanced materials and processes, humans and health, and energy are transformed into marketable products and solutions. With the ambition to provide the best services for industrial research groups and spin-offs, we bring together entrepreneurs from large companies, SMEs and research institutions from Switzerland and from abroad. Our mission is to link the right people together, so that innovations can be brought to market faster.

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Phone: +41 56 461 70 70

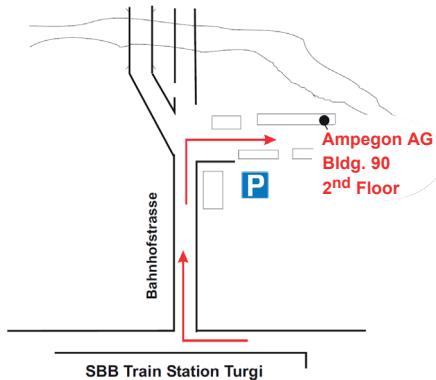
Disruptive Morning is a recurring event on weekdays (except Mondays). Industry representatives are invited to speak and to share the experiences. If you would like to become our next speaker or associate to the event please contact us: info@parkinnovaare.ch

EVENT LOCATION

Ampegon AG

Spinnereistrasse 5 | 5300 Turgi

Phone: +41 58 710 44 00



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