



Factsheet Innovation Platform Smart Systems (IPL SmS)

Objectives and procedures IPL Smart Systems

The IPL SmS of the NTN Innovative Surfaces is R&D-oriented. Invited to participate are representatives of industrial companies (multinationals, SME's, start-ups) with R&D- and production-activities in Switzerland and members of Universities and R&D Institutes.

The IPL Smart Systems manages a multi-disciplinary exchange among the participants through workshops and interactive groups (15-20 participants, 2/3 from industry). The proceedings are driven by pre-competitive technological questions of industry. Answers are established within the IPL Smart Systems using R&D/CTI-projects, R&D-consortia, TT-cooperation between industry and academia or supplier and customer relations.

Content IPL Smart Systems

The IPL Smart Systems is especially aimed at watch makers, sensor builders, IT/software developers, microelectronics- and micromechanics companies and system integrators. It welcomes especially companies from the Suisse romande.

The original focus of the IPL Smart Systems was on sensor technologies. Since the very successful workshop in September 2016 in Biel/Bienne on "Watches, Sensors & Surfaces" the focus of the IPL SmS is the common conception by Swiss companies of an autonomous "Intelligent and Durable Bracelet" that could be combined with a mechanical or luxury watch. Intelligent means, that the bracelet should integrate various sensors able to measure health related data of the wearer. Durable means, that the material of the bracelet should be of high quality and that its sensors should be long lasting in order to be able to measure health related data over a long period of time (20 years). Furthermore the wearer of the bracelet should be the only owner of the collected data (no automatic data transmission to third parties).

Management IPL Smart Systems

A participation in the IPL Smart Systems is possible by invitation of the NTN Innovative Surfaces. It is connected with moderate fees and includes 3 - 4 workshops of 3 hours per year.

Candidates interested in contributing actively to the activities of IPL Smart Systems can apply to Wolf Zinkl. He manages the IPL SmS within the NTN Innovative Surfaces (Tel: 061 261 5666 wolf.zinkl@innovativesurfaces.ch).