

September 24 - 27, 2013 | Messe Basel | www.ilmac.ch

SCS FH-Stand, C84, Hall 1.1

At ILMAC 2013 the SCS will present itself in a completely new way and focus on in-fair activities to closer interact with visitors. In collaboration with the Departments of Chemistry and Life Sciences of the Universities of Applied Sciences, ZHAW, FHNW and HES-SO (Fachhochschulen FH), the SCS awards the best joint research projects of FH and their industrial partners and will present them in an exhibition at the shared stand. All in all 13 projects will be presented in three different categories:

- Molecules for Life Sciences
- Analytic in the Life Sciences
- Chemistry and the Environment



SCS Stand C84, Hall 1.1

Exhibition of the SCS FH-Award projects

Molecules for Life Sciences

Prof Ursula Graf-Hausner, ZHAW

Skin bioprinting: an innovative approach to produce standardized skin models on demand

Dr. Lucy Kind, FHNW

Remineralization of sub-surface carious lesions initiated by a self-assembling peptide - Development of a bioceramic tooth model

Dr. Roger Marti, EIA Fribourg

Click Chemistry for DNA Functionalization

Dr. Rainer Riedl, ZHAW

Tackling antibiotic resistance: a joint project of the center for organic and medicinal chemistry ZHAW and the Bioversys GAG

Analytic in the Life Sciences

Romina Dörig, ZHAW

Development of a high sensitivity label-free wave-guide interferometry instrument: A project between the Center for Biochemistry ZHAW and Creoptix GmbH

Prof. Wolfgang Riedl (FHNW)

Online process control of the de-alcoholisation of beer with inline refractometry

Dr. Sina Saxer, FHNW

Printing enzymes for colorimetric assays on paper

Prof. Götz Schlotterbeck, FHNW

Synergy of metabolic profiling, pharmacological testing and process engineering enables inauguration of a bamboo pilot plant extraction unit in Fujian, China

Prof. Michel Sciotti (FHNW)

Conversion of a radioenzymatic vitamin B6 assay into a rapid colorimetric enzymatic assay

Chemistry and the Environment

Dr. Ennio Vanoli, EIA Fribourg

Green synthesis of mono- and disubstituted pyridine via aromatic nucleophilic substitution

Prof. Patrick Shahgaldian, FHNW

A synthetic nanomaterial for virus recognition produced by surface imprinting

Christoph Gasser, FHNW

Nanobiocatalytic depolymerization of lignin for the production of platform phenolic chemicals

Frau Claudia Niewersch, FHNW

Recycling of phosphorus from sewage sludge ash

Sub-stands

The three Universities of Applied Sciences as well as the SCS and the SGVC will present themselves at the stand. Learn more about the offers and services of the societies and the research and teaching program of the institutes.

SCS Bar

Get a refreshing mineral water at our bar. It will be our pleasure to mix your favorite color.



One of the FH projects developed a new method for de-alcoholization of beer. Rugenbräu, the brewery in the Bernese Oberland, implemented the new approach

and offers you the possibility to compare the non-alcoholic beer with its original brew. Test yourself and taste the two beers in a blind degustation.

Partner for the SCS bar:



Free Entrance to ILMAC

Get your ticket for free by entering the SCS priority code on the ILMAC ticket portal:

URL: www.ilmac.ch/online-ticket

SCS priority code: ILMAC-SCS