

Scuola universitaria professionale  
della Svizzera italiana

**SUPSI**

Università  
della  
Svizzera  
italiana

# On reproducibility

Friday 24th October 2014, 17.00-19.00

Aula A11

Università della Svizzera italiana

Via Giuseppe Buffi 13

CH-6904 Lugano

## Presentation

The lecture will cover a broad field of disciplines, with a certain focus on biomedical research. It's intention is to scrutinize certain aspects of empirical research and to raise questions about relevance concepts especially in interdisciplinary and transdisciplinary work.

## Intended audience

Students, academic staff, reseachers, professors, guests.

## Language

The conference will be held in English.

## Guest speaker

*Prof. Dr. Gerd Folkers*

Professor for Medicinal Chemistry at the ETH Zürich; Director of the Collegium Helveticum; President of the board and co-founder of the Pharma Nation Network AG, a spin-off company of ETH Zurich; Member of the board of directors of MIBA AG, Bern; since 2014 Vice-president of the Swiss Science and Innovation Council; Member of the Council of the Academia Engelberg Foundation; Member of the Council of the OPO- Foundation, Zürich; President of the Council of the Stiftung für humanwissenschaftliche Grundlagenforschung.

## Program

The concept of reproducibility is widely considered a cornerstone of scientific methodology.

However, recent problems with the reproducibility of empirical results in large-scale systems and in biomedical research have cast doubts on its universal and rigid applicability beyond the so-called basic sciences. Reproducibility is a particularly difficult issue in interdisciplinary work where the results to be reproduced typically refer to different levels of description of the system considered. In such cases, it is mandatory to distinguish between more and less relevant features, attributes or observables of the system, depending on the level at which they are described. For this reason, we propose a scheme for a general 'relation of relevance' between the level of complexity at which a system is considered and the granularity of its description. (Atmanspacher H, Bezzola Lambert L, Folkers G, Schubiger PA. 2014 Relevance relations for the concept of reproducibility. J. R. Soc. Interface 11: 20131030. <http://dx.doi.org/10.1098/rsif.2013.1030>).

## Registration

Within October 10, 2014 filling the **web form**.

## Costs

Free of charge.

## Information

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