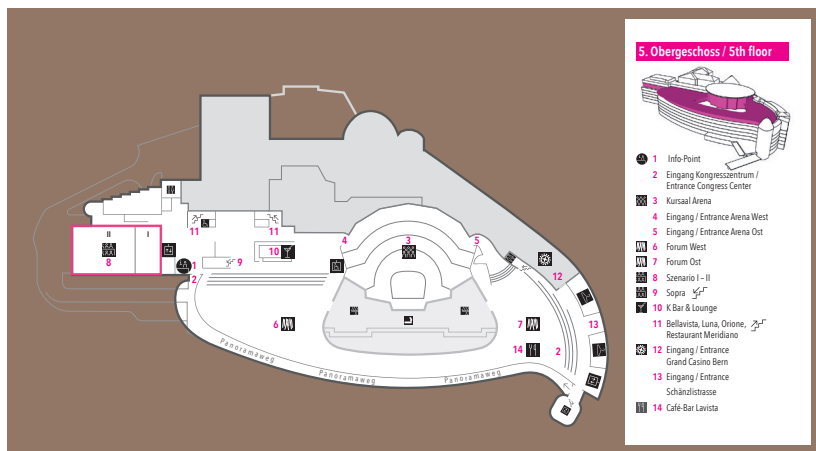


Beyond impact factor, h-Index and university rankings: Evaluate science in more meaningful ways

Venue Kursaal Bern, Kornhaustrasse 3, 5th floor, Room 'Szenario'

Getting there Tram no. 9 from Bern main railway station in direction 'Wankdorf Bahnhof'. Travel time to the 'Kursaal' stop approximately 5 minutes.
www.kursaal-bern.ch/Company/Contact/Arrival



WLAN Choose network 'Free_Kursaal_Allegro', open internet browser (www.pwlan.ch) and select 'Voucher'
User ID: 2500272020, Password: 6205

Registration www.scnat.ch/impact

Contact Dr Roger Pfister, +41 31 306 93 06, roger.pfister@scnat.ch

An activity as part of **we scientists**
shape science

A project of the Swiss Academy of Sciences (SCNAT)

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Beyond impact factor, h-Index and university rankings: Evaluate science in more meaningful ways

Conference

21 November 2018

Kursaal, Bern

Summary

The last few decades saw an unprecedented growth in the number of scientists and scientific institutions competing for limited resources in terms of employment opportunities and research funding. The ambition to allocate the available means to the best scientists and science favoured the establishment of quantitative metrics to assess the scientific merit of the sheer volume of research output. Impact and citation factors related to journals and publications as well as rankings of institutions are the best-known such tools. Inadvertently, however, these measurements potentially undermine the quality in science because they incite violations of globally accepted research integrity principles with adverse effects: scientific progress is hampered, the value of science to society and policy-making as trusted and authoritative source is jeopardised, and public research funding is not used effectively.

The conference therefore aims to:

- Highlight the limitations of metrics in capturing scientific quality and the resulting pressure on the quality of scientific output;
- Present assessment approaches – San Francisco Declaration on Research Assessment DORA, Leiden Manifesto for Research Metrics – that challenge conventional metrics;
- Consider whether steps are necessary to maintain the high quality of the Swiss science landscape long-term.

Programme

13h30 Welcome and introduction

- **Antonio Loprieno**, President of the Swiss Academies of Arts and Sciences

13h40 What challenges for science

- **Ellen Hazelkorn**: Author and editor of several studies on influence and impact of rankings on higher education, policy and society, Policy Advisor to the Irish Higher Education Authority, and Head of the Higher Education Policy Research Unit at the Dublin Institute of Technology, Ireland

14h05 What's wrong with current metrics

- **Stephen Curry**: Chair of the DORA Steering Committee, Professor of Structural Biology and Assistant Provost at Imperial College London, United Kingdom

14h30 What is at stake for scientists in Switzerland

- **Martin Reinhart**: Co-author of the study 'Research funding and evaluation in the life sciences in Switzerland' by the Swiss Science Council SSC/SWR, and Professor at the German Center for Higher Education Research and Science Studies, Germany
- **Stephanie Meirmans**: Co-leader of the project 'Does competitive research funding contribute to questionable research practices?', and Post-doc at the Academic Medical Center, University of Amsterdam, Netherlands

15h05 Networking break

15h35 What about next-generation assessments

- **Michael Ochsner**: Contributor in the SUK/CRUS project 'Research performance in the social sciences and humanities', and Post-doc in Social Psychology and Research on Higher Education at ETH Zurich
- **Gero Federkeil**: Managing Director of the multi-dimensional ranking tool 'U-Multirank', and Head of International Rankings at the Centre for Higher Education, Germany
- **James Wilsdon**: Main author of the UK report 'The metric tide', co-author of the EU report 'Next-generation metrics, and Professor of Research Policy and Director of Research and Innovation, University of Sheffield, United Kingdom
- **Sarah de Rijcke**: Deputy Director of the Centre for Science and Technology Studies CWTS, and Professor of Science and Evaluation Studies, Leiden University, Netherlands

16h35 What's needed for Switzerland: stakeholder roundtable and discussion with the audience

- Swiss Academy of Sciences: **Marcel Tanner**, President
- State Secretariat for Education, Research and Innovation SERI/SBFI: **Nicole Schaad**, Head of National Research Unit
- Swiss National Science Foundation SNSF/SNF: **Matthias Egger**, President
- swissuniversities: **Andrea Schenker-Wicki**, Delegate for Quality and Accreditation, and President of the University of Basel

17h30 End of conference

Conference moderator: **Gerd Folkers**, President of the Swiss Science Council SSC/SWR