

Framework

The Conference is organized in Paris in the framework of the European Network of Indicators Designers ENID (www.enid-europe.org) by the Institut Francilien Recherche, Innovation, Société (IFRIS). It follows preceding conferences in Lugano (November 2006) and Oslo (May 2008). The aim of the conference is to gather researchers, indicator producers and stakeholders interested in new developments in the field of STI indicators, around the notion of positioning indicators, as well as the use of indicators for strategic decisions of policymakers and research actors.

Scientific Committee

Rémi Barré, CNAM Paris.
Alessandra Colecchia, OECD, Paris.
Ghislaine Filliatreau, OST, Paris.
Benoît Godin, INRS, Montréal
Ben Jongbloed, CHEPS, University of Twente.
Loet Leydesdorff, ASCOR, University of Amsterdam.
Martin Meyer, SPRU, University of Sussex.
Anthony F.J. van Raan, CWTS, Leiden.
Peter van den Besselaar, Rathenau Institut, Den Haag

Conference Chair

Benedetto Lepori, University of Lugano.

Poster Session Chairs

Emanuela Reale, CNR-CERIS, Rome
Philippe Larédo, LATTs, ENPC, Paris.

General Information

Conference programme

Opening: Wednesday 3th March 2010, 11:00

Closure: Friday 5th March 2010, 15.30

The program will include:

- opening of the conference by the organizers.
- welcome speech of a representative of the French Ministry of Higher Education and Research.
- keynote speeches on selected topics.
- parallel sessions with paper presentation and discussion.
- exploratory sessions on experiments and new avenues in indicators design.
- short presentations of posters in plenary sessions and special poster sessions during breaks.
- a panel debate on the role of indicators for policy and evaluation.
- social event and conference dinner.

Deadline for abstract submission

1st September 2009.

Date

3rd – 5th March 2010

Venue

Paris, to be communicated later

Conference website

www.enid-europe.org/conference.html

Contact information

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3rd European Network of Indicators Designers Conference on

STI Indicators for policymaking and strategic decision

Deadline for abstract submission

1st September 2009

Paris

3-5th March 2010

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Organised by:

Institut Francilien pour la Recherche, l'Innovation
et la Société (IFRIS)

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Observatoire des Sciences et Techniques

Call for abstracts

The recent years have witnessed an extraordinary diversification of the demands for Science and Technology (S&T) indicators for policymaking and strategic decision of the actors involved in S&T policies. New demands have emerged as a consequence of the growing complexity of innovation systems at the regional, national and international level and of the needs of new indicators types to characterize the position and the linkages of individual actors (so-called *positioning indicators*). Whole new fields of indicators have emerged, like collaboration indicators, web indicators, indicators on human resources and mobility, while even in classical domains like input measurement existing indicators are no longer fully adequate to the needs of policy.

The conference aims to provide a place both for general methodological discussion concerning new indicators, their use in policymaking and the requirements for their production, and for presenting new developments in indicators for specific domains and policy issues, concerning their design, methodology, experimental development and application to policy analysis and decision-making.

Call for abstracts and posters

We invite submission of extended abstracts for papers and posters on the topics listed below.

Abstract should contain the following information:

- Name and affiliation of the author(s).
- Conference theme and session.
- Research subject and hypothesis.
- Methodology.
- Existing and expected results.
- Selected references.

Abstracts should not exceed three pages (10'000 signs). Authors can specify if the submission is for oral or poster presentation (or both).

Submission and deadlines

Abstracts have to be submitted electronically to benedetto.lepori@unisi.ch until 1st September 2009 using the application form available on the conference website. Answer on acceptance will be given to the authors not later than November 1st 2009. All abstracts will be peer-reviewed.

Topics and special tracks

Evaluation of research policies and programs: which role for indicators?

Organiser: Emanuela Reale, CNR-CERIS Rome

Indicators for evaluation of research programs and policies are one of the challenges for evidence-based policy making, which needs assessments based on objectives and over time comparable evidences. This track is devoted to contributions focusing on indicators able to support the policy makers understanding of the value and impact of research programs and policies. Papers highlighting the changing role of indicators are also welcome.

Advances in official indicators

Organiser: Alessandra Colecchia, OECD, Paris

This track will be devoted to new indicators of relevance for policy developed by international organizations like OECD, European Commission, Eurostat, as well as by national statistical offices. While these activities are of high interest for the indicators community, presentations can have a stronger descriptive and applied orientation than in the other sessions. Indicators in the areas covered by other conference topics will be preferred.

Linking Academia and Industry

Organisers: Stig Slipersaeter, NIFU STEP, Oslo and Loet Leydesdorff, University of Amsterdam

University-industry-government relations can be considered as drivers of organized knowledge production and control in regions, sectors, or nations. In this track we welcome contributions which focus on geographical studies and evolutionary models, on the one hand, and measurement exercises using and developing relational indicators, on the other. What are knowledge-based systems? How can a knowledge base be indicated? How can knowledge-based systems be generated and strengthened?

Indicators for the measure of research output in social sciences and humanities

Organiser: Peter van den Besselaar, Rathenau Instituut, Den Haag

This track is devoted to approaches and techniques to develop indicators to measure research outputs in SSH, taking into account the multidimensionality of outputs, the different reference spaces and languages and the heterogeneity of the field. Topics can include the development of metrics (for example concerning scientific publications), approaches for data collection and validation by the community itself.

Topics and special tracks

Institutional-level indicators: a new frontier for higher education indicators

Organiser: Ben Jongbloed, CHEPS, University of Twente

Going beyond one-dimensional rankings, this track seeks contributions that address new indicators and related techniques that allow the various stakeholders in higher education and S&T communities to characterize and assess the multi-dimensional performance of individual higher education institutions. Topics include: multi-dimensional classifications, positioning indicators, performance profiles, user-driven ranking tools, and the use of institutional-level indicators in policy analysis and strategy building.

Methods and techniques for the exploitation of heterogeneous data sources

Organiser: Peter van den Besselaar, Rathenau Instituut, Den Haag

This track invites contributions on advances on how to exploit heterogeneous sources for indicators production, like large sample of CVs, publication sets from different sources, etc. Contributions should focus on the use of techniques allowing a large scale exploitation of these sources, to cope with heterogeneity and reduce the amount of manual work, like data mining, automated text searches, semantic tools etc. Papers presenting experiments in this area are particularly welcome.

General session on design of S&T indicators

Organiser: Ghislaine Filliatreau, Observatoire des Sciences et Techniques, Paris.

This track will include original contributions in design and use of STI indicators, focused on the notion of positioning indicators, not included in the other tracks. We particularly invite contributions on following subjects: indicators on human resources and careers; indicators on European Research Area dynamics, internationalization of research; indicators on knowledge dynamics, problem-solving oriented research and emerging scientific fields.