

*2<sup>nd</sup> Announcement*

## Call for Papers

### **International Workshop on Webometrics, Informetrics and Scientometrics & Seventh COLLNET Meeting**

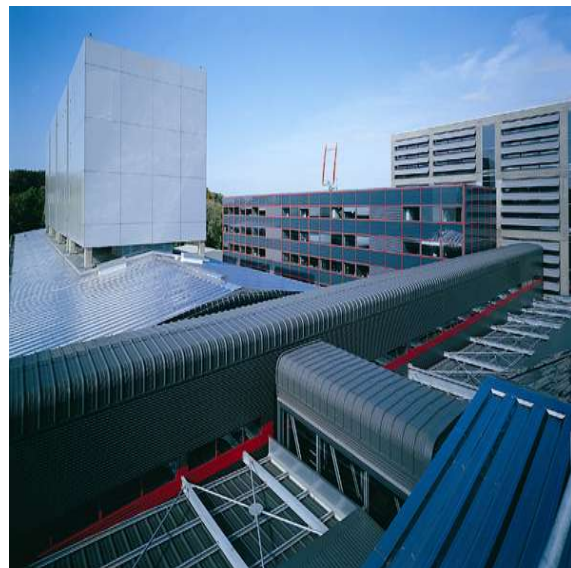
in conjunction with the

*Extra Session on Information Visualization for Webometrics, Informetrics  
and Scientometrics*

(Special information below)

**10-12 May, 2006**

**LORIA-INIST  
Nancy, France**



#### *Scope*

Quantitative aspects of science of science. Collaboration and communication in science and in technology. Science policy. Combination and integration of qualitative and quantitative approaches.

Theoretical, methodological and applied aspects, for example:

- Emerging issues in scientometrics/informetrics/webometrics and history
- Quantitative analysis of S&T innovations
- Informetric laws and distributions, mathematical models of communication or collaboration
- Information retrieval
- Nature and growth of science and its relation with technological output

- Evaluation indicators
- Collaboration in science and in technology from both quantitative and qualitative points of view
- Information visualization for webometrics, informetrics and scientometrics (Special information below)

Please, note that these examples listed above give a broad outline of the scope of the workshop theme but do not limit it.

## **Special Information about the**

### ***Extra Session on Information Visualization for Webometrics, Informetrics and Scientometrics***

Information visualization involves the visual representation and exploration of abstract information. Non-physical information can advantageously be represented in a visual form, but such information has no obvious spatial property by itself. Information visualization is thus a computer-supported process which transforms data, information and knowledge into a form that relies on the human system to perceive the embedded meaning. It focuses on creating rich visual interfaces to help users navigate through complex information spaces and analyse abstract data.

The development of this domain creates innovative graphical representations of information. This workshop aims at exploring and discussing the application of these methods and techniques for visualizing quantitative aspects of science, collaboration and communication in the domains of science and technology.

#### ***Scope***

Contributions should focus on one or more of the following topics:

Methods and techniques such as:

- Hyperbolic geometry
- Graphs and networks as visual display
- Clustering visualization
- Using neural networks for visualization
- Models for navigation and interactivity
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Applications of these methods and techniques for:

- Visualizing subspaces of the Web
- Web log data visualization
- Graphic representation of informetrics distributions
- Maps of science

The Extra Session will start with a specific tutorial on **XML and Metadata engineering, and their specific use in the context of Webometrics**. The specific call for papers is associated and made available for this workshop at the address: <http://collnet.inist.fr>.

## ***LORIA and INIST***

Conducting research in the domain of Information and Communication Technologies, **LORIA** (Lorraine Laboratory in Computer Science and its Applications) is a joint research unit - UMR 7503 common to several establishments: CNRS (Centre National de Recherche Scientifique) National Center of Scientific Research, INPL (Institut National Polytechnique de Lorraine) National Polytechnic Institute of Lorraine, INRIA (Institut National de Recherche en Informatique et en Automatique) National Research Institute for Computer Science and Automation, UHP (Université Henri Poincaré, Nancy 1) Henri Poincaré, University, Nancy 1, Nancy 2 (Université Nancy 2) Nancy 2 University.

**LORIA** is a laboratory of more than 450 persons including 150 scientific staff (full-time researchers or university professors or assistant professors), 150 doctoral students and post-docs and engineers, technical and administrative support staff, intern and visitors organized in research teams and supporting services.

The main mission of **LORIA** is the fundamental and applied research in the field of information and communication technologies. LORIA plays also a strategic role in the training of young researchers, in partnership with Universities and in the technology transfer via partnerships with industry and support in the creation of start-up companies

The institute for Scientific and Technical Information (**INIST**) is a service unit of the French National Center for Scientific Research (CNRS). Its mission is to collect, analyze and disseminate the results and findings of worldwide research in science, technology, medicine, humanities, economics and social sciences. Please have a view at **LORIA** website at the address: <http://www.loria.fr>.

**INIST** is the leading integrated scientific and technical information center in Europe and provides the major public research and academic institutions as well as the socio-economic sector with resources and services designed to improve dissemination of and access to international scientific and technical information (STI).

Committed to the new information and communication technologies, **INIST** offers a whole range of access services to scientific and technical information on the Internet. **INIST** is not only the leading scientific and technical document supplier in France, but it is also the producer of two multilingual, multidisciplinary bibliographic databases containing over 17 million bibliographic records covering the core worldwide scientific literature. Please have a view at **INIST** website at <http://www.inist.fr>.

## ***COLLNET and ISSI***

COLLNET is a global interdisciplinary research network of scholars who are concerned to study aspects of collaboration in science and in technology (see COLLNET web site at: <http://www.collnet.de/>). This network of interdisciplinary scholars was established in January 2000 in Berlin with Hildrun Kretschmer as coordinator. Since that time there have been 6 meetings: the first in Berlin, September 2000, the 2<sup>nd</sup> in New Delhi, February 2001 and the 3<sup>rd</sup> in Sydney (in association with the 8<sup>th</sup> ISSI Conference), July 2001. The ISSI President Mari Davis has mentioned in the Newsletter, July 2003: Importantly, ISSI needs alliance with other groups, such as COLLNET, for broader reach among a range of interdisciplinary researchers and to encourage new thinking and perspectives on investigations in science and in technology. The 4<sup>th</sup> COLLNET Meeting took place on August 29<sup>th</sup> in 2003 in Beijing in conjunction with the 9<sup>th</sup> International ISSI Conference. The International Workshop on Webometrics, Informetrics and Scientometrics and 5<sup>th</sup> COLLNET Meeting in Roorkee, India, in May 2004. The 6<sup>th</sup> COLLNET Meeting which took place in association with the 10<sup>th</sup> ISSI Conference in Stockholm, Sweden, in July 2005.

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Both abstracts and full papers will be peer reviewed by the Programme Committee. The accepted full papers will be published in the proceedings.

**Important dates:**

- **22 January 2006: deadline for abstract submission,**
- **15 February 2006: notification of acceptance,**
- **15 March 2006: final paper (camera-ready version, maximum 10 pages including tables, figures, references)**

**Conference Fees:**

- **Collnet members: 160 euros.**
- **Non members: 200 euros.**
- **Accompanying person: 50 euros.**

Registration fees include coffee breaks and lunches, invited banquet and proceedings. For persons who are interested in, a special "Ecole de Nancy" Art Tour will be programmed the last day (with additional fees of 20 euros).

**For more information please contact organizing secretary:**

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