



SEPTEMBER 4-9
2016
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programme

Sunday, September 4th: Aula Hotel Granada Center

11.00-12.30	Bibliometric Crash Course Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium / Juan Gorraiz, Bibliometrics and Publication Strategies, University of Vienna, Austria / Sybille Hinze, German Centre for Higher Education Research and Science Studies – DZHW, Germany
12.30-13.30	Lunch break
13.30-14.30	Web of Science™ – The World’s Most Trusted Citation Index Covering the Leading Scholarly Literature. An Examination of Citation Navigation Across Diverse Content Sets to Provide Comprehensive Results Across Disciplines and Research Insight. Massimiliano Carloni, Global Solutions Support Specialist, Thomson Reuters
14.30-15.00	Coffee break
15.00-16.00	Scopus: Elsevier’s A&I Database and its Use for Researchers and Research Offices Tomaso Benedet, Solutions Sales Manager – Research Intelligence, Elsevier
16.00-16.30	Product Presentation Altmetrics & Traditional Metrics. Time for a Rethink. Stephan Büttgen, Director of Sales of Plum Analytics in Europe
17.00-18.00	Welcome reception

programme

Monday, September 5th: Facultad de Ciencias del Trabajo

09.00-09.10	Welcome and Opening Remarks Enrique Herrera Viedma, Vice-Rector for Research and Transfer DECSAI – University of Granada / Pedro Antonio Garcia López, Dean of Faculty of Labour Sciences – University of Granada / Evaristo Jiménez-Contreras, EC3 Metrics & Spin-Off, University of Granada
09.10-09.50	Bibliometrics Reviewed: History, Institutionalization and Concepts Stefan Hornbostel, German Centre for Higher Education Research and Science Studies – DZHW, Germany
09.50-10.35	Introduction to Bibliometric Data Sources Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium / Juan Gorraiz, Bibliometrics and Publication Strategies, University of Vienna, Austria
10.35-11.00	Coffee break
11.00-12.00	Scientometric Indicators in Use: an Overview Sybille Hinze, German Centre for Higher Education Research and Science Studies – DZHW, Germany / Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium
12.00-12.45	Bibliometrics from the Perspective of a University Juan Gorraiz, Bibliometrics and Publication Strategies, University of Vienna, Austria
12.45-13.45	Lunch break
13.45-14.45	Evaluation and Mapping of Scientific Research and Support for the Individual Researcher Ton van Raan, CWTS – Centre for Science and Technology Studies, Leiden University, The Netherlands

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- 14.45-15.30** **Policy Use of Bibliometric Evaluation and its Repercussions on the Scientific Community with Focus on Research, Technology, Patents, Development and Knowledge Transfer**
Koenraad Debackere, KU Leuven, Belgium
-
- 15.30-16.00** **Coffee break**
-
- 16.00-16.45** **The Application Context of Research Assessment Methodologies**
Henk F. Moed, Independent researcher and scientific advisor
-
- 16.45-17.30** **Designing Effective Queries**
Stephan Gauch, German Centre for Higher Education Research and Science Studies – DZHW & Humboldt University of Berlin, Germany

Tuesday, September 6th: Facultad de Ciencias del Trabajo

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- 09.00-10.00** **Data Cleaning and Processing**
Christine Rimmert, Institute for Interdisciplinary Studies of Science / AG Bibliometrie, Bielefeld University, Germany
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- 10.00-11.00** **Subject Normalization for Citation Analysis**
Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium
-
- 11.00-11.30** **Coffee break**
-
- 11.30-12.30** **Journal Impact Measures**
Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium / Juan Gorraiz, Bibliometrics and Publication Strategies, University of Vienna, Austria
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- 12.30-13.30** **Lunch break**

programme

13.30-15.00	Exercises, project work
15.00-15.30	Lunch break
15.30-17.00	Exercises, project work
17.00-17.30	Product Presentation Research Management Solutions – InCites, an Objective Analysis of People, Programs, and Peers Massimiliano Carloni, Global Solutions Support Specialist, Thomson Reuters

Wednesday, September 7th: Facultad de Ciencias del Trabajo

09.00-09.45	The Application of Network Analysis in Science Studies: Common Theoretical Background for Broad Applications Bart Thijs, Centre for R&D Monitoring (ECOOM), Dept. MSI, KU Leuven, Belgium
09.45-10.30	Research Collaboration Measured by Co-Authorship Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium
10.30-11.00	Coffee break
11.00-12.30	2 parallel sessions: Introduction to Gephi Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium / Bart Thijs, Centre for R&D Monitoring (ECOOM), Dept. MSI, Katholieke Universiteit Leuven, Belgium Introduction to Bibexcel Juan Gorraiz, Bibliometrics and Publication Strategies, University of Vienna, Austria / Nicola De Bellis, Bibliometric Office (CSBA) – University of Modena and Reggio Emilia, Italy

12.30-13.30	Lunch break
13.30-15.00	Afternoon Sessions: Structures in Science and Options for their Visualization
15.00-15.30	Coffee break
15.30-17.00	Afternoon Sessions: Structures in Science and Options for their Visualization
17.00-17.30	Product Presentation How to Evaluate and Benchmark your Institution Research Output with SciVal Tomaso Benedet, Solutions Sales Manager – Research Intelligence, Elsevier
21.00-23.30	Social event I: Alhambra Visit Night time Meeting Point: Granada Center Hotel

Thursday, September 8th: Facultad de Ciencias del Trabajo

09.00-09.45	The Dawn of a New Metrics Era Juan Gorraiz, Bibliometrics and Publication Strategies, University of Vienna, Austria
09.45-10.30	Altmetrics Rodrigo Costas, CWTS– Centre for Science and Technology Studies, Leiden University, The Netherlands
10.30-11.00	Coffee break

programme

11.00-11.45

Societal Impact

Nicolas Robinson Garcia, INGENIO (UPV-CSIC), Universitat Politècnica de València, Spain / Daniel Torres-Salinas, Universidad de Navarra and Universidad de Granada (EC3metrics & Medialab UGR), Spain

11.45-12.30

Bibliometrics and (E)valuation of Research(er): On Ethics and Responsibility in “Numbering” Research(er)

Ulrike Felt, Professor of Science and Technology Studies and Dean of the Faculty of Social Sciences, University of Vienna, Austria

12.30-13.30

Lunch break

13.30-16.00

Practical exercises, project work

16.00-16.30

Coffee break

16.30-17.30

Bibliometric Agora: Altmetrics – new Trends in Evaluation

Panelists: Ulrike Felt, Professor of Science and Technology Studies and Dean of the Faculty of Social Sciences, University of Vienna, Austria / Rodrigo Costas, CWTS – Centre for Science and Technology Studies, Leiden University, The Netherlands / Daniel Torres-Salinas, Universidad de Navarra and Universidad de Granada (EC3metrics & Medialab UGR), Spain

Moderation: Juan Gorraiz, Bibliometrics and Publication Strategies, University of Vienna, Austria

19.15-23.00

Social Event II: Gala Dinner – La Chumbera

Meeting Point: Granada Center Hotel

Friday, September 9th: Facultad de Ciencias del Trabajo

09.00-09.45

Google Scholar: Journal-, Article- and Author-Level Metrics

Isidro F. Aguillo, Cybermetrics Lab-Scimago (IPP-CSIC), Spain

09.45-10.30	Bibliometrics and Open Access Eric Archambault, 1science & Science-Metrix, Canada
10.30-11.00	Coffee break
11.00-12.30	Project work
12.30-13.30	Lunch break
13.30-15.00	Project presentations
15.00-16.00	Coffee break, Q&A, Farewell

Saturday, September 10th:

10.00-18.00	Social Event III: Alpujarra Excursion Meeting Point: Granada Center Hotel
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abstracts

Sunday, September 4th:

Bibliometric Crash Course

Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium / **Juan Gorraiz**, Bibliometrics and Publication Strategies, University of Vienna, Austria / **Sybille Hinze**, German Centre for Higher Education Research and Science Studies – DZHW, Germany

Introduction to basic bibliometric terminology, concepts and data sources for participants who are short on experience in the field.

Web of Science™ – The World’s Most Trusted Citation Index Covering the Leading Scholarly Literature. An Examination of Citation Navigation Across Diverse Content Sets to Provide Comprehensive Results Across Disciplines and Research Insight.

Massimiliano Carloni, Global Solutions Support Specialist, Thomson Reuters

The Web of Science platform is the search and discovery choice for 7,300+ academic and research institutions, national governments, funding organizations, and publishing organizations in 120+ countries worldwide. In this tutorial we will explore research and ideas from different disciplines and the content - including cover-to-cover indexing of the world’s most important multidisciplinary research covering

scholarly journals, books, proceedings, published data sets and data studies and patents – all connected together through a citation network of over 1 BILLION cited references.

Scopus: Elsevier’s A&I Database and its Use for Researchers and Research Offices

Tomaso Benedet, Solutions Sales Manager – Research Intelligence, Elsevier

A brief tutorial to understand how Scopus can be of help to your institution. Through this database you could easily monitor all the most recent development in your area of interest. Scopus also offers a complete suite of tools that will help you evaluate worldwide academic production to look for possible collaboration, author profiles and institutional production. During this session we go through all the different kinds of searches that could be made in Scopus, how to use Scopus results and how to evaluate candidate journals for publication with all the information provided by Scopus.

**Altmetrics & Traditional Metrics.
Time for a Rethink.**

Stephan Büttgen, Director of Sales of Plum Analytics in Europe

Clinical research does not get cited as much as basic science. This creates problems for researchers in getting funding, early-career researchers opt out of translational research, hospitals and research institutions cannot showcase their talents and more. It hurts us all when our researchers don't want to turn basic science into ways to treat illness and disease, or doctors pioneering new treatments are not motivated to publish them. Rather than lament the problem, we want to measure clinical impact. We want to help researchers and institutions understand what is impactful in the clinical realm. This session introduces Clinical Citations as a way to start to measure clinical impact. Clinical Citations find references to research in clinical alerting services, clinical guidelines, systematic reviews and clinical trials. You can use these Clinical Citations to help you understand the impact of your clinical research, to apply for funding and more.

Monday, September 5th:

Bibliometrics Reviewed: History, Institutionalization, and Concepts
Stefan Hornbostel, German Centre for Higher Education Research and Science Studies – DZHW, Germany

The emergence of bibliometrics is closely linked to the growth of scientific information in the 20th century and to what de Solla Price called the evolution from “little science to big science”. Initially, bibliometrics and its early concepts were oriented towards library access, bibliographic databases, and information services. However, since the 1960s other disciplines, especially the sociology of science, inspired the development of a new and interdisciplinary understanding of bibliometrics. In the 1970s and 1980s the increasing information needs on behalf of science policymakers boosted the institutionalization of bibliometrics as an own field of research, while at the same time this new application context necessitated new concepts. Little by little, a specific bibliometric methodology aiming to be suitable for today's applications such as formula-based funding systems, assessments, evaluations etc. came into being. The lecture will present this development process and, thereby, demonstrate common concepts of bibliometrics.

Introduction to Bibliometric Data Sources

Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium / **Juan Gorraiz**, Bibliometrics and Publication Strategies, University of Vienna, Austria

This talk is about the specific requirements for bibliographical data sources to be met in regard to their suitability for bibliometric application. Furthermore relevant issues like coverage, representativeness and selection criteria are considered.

Any appropriate bibliography can potentially serve as data source for bibliometric purposes, however, comparative studies and large-scale analyses require large standardized data sources like bibliographic databases.

After providing some background information, the main features of bibliographic databases are discussed with special focus on the question, which of them are useful, essential or even indispensable for bibliometric use (most databases are rather designed for information retrieval).

In this talk some basic database features are introduced exemplarily from different products. A distinction is made between subject-specific and multidisciplinary databases. In particular, the pros and cons of the three major multidisciplinary data sources – Web of Science, SCOPUS and Google Scholar – are discussed.

In addition, subject-specific databases (e.g. "MathSciNet", "SciFinder"), patent databases (e.g. "Derwent Innovations Index", Espacenet (PATSTAT)) or pilot projects for citation indexing on the web

(e.g. "BASE", "CiteseerX" – all based on open access archives) are presented and examined critically regarding their data enrichment potential in bibliometric analyses.

Scientometric Indicators in Use: an Overview

Sybille Hinze, German Centre for Higher Education Research and Science Studies – DZHW, Germany / **Wolfgang Glänzel**, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium

The use of scientometric indicators dates back to the 1960s and 1970s in the United States where the first Science Indicators report was published in 1973. Since then a variety of indicators emerged aiming at reflecting various aspects of science and technology and their development. The presentation will give an overview of indicators and their use in science policy making. The specific focus will be on indicators used in the context of research evaluation. In particular indicators applied to measuring research performance at the various levels of aggregation i.e. the macro, meso and micro level will be introduced. A range of aspects reflecting research performance will be addressed such as research productivity and its dynamic development, the impact of research, collaboration, and thematic specialization. Options and limitations of the indicators introduced will be discussed.

Bibliometrics from the Perspective of a University

Juan Gorraiz, [Bibliometrics and Publication Strategies, University of Vienna, Austria](#)

Bibliometrics is ideal for librarians to develop and provide innovative services for both academic and administrative university staff. The Bibliometrics and Publication Strategies Department in Vienna has been implemented within the Library and Archive Services of the University of Vienna. It can serve as a role model for other academic librarians who wish to become more engaged in this field or even plan to implement according services.

This presentation gives an overview of all bibliometric services offered by the department and will then focus on those related to individual evaluation and particularly to professorial appointments. The Vienna University bibliometric approach relies on a variety of basic, simple indicators and further control parameters in order to address the multi-dimensionality of the problem and to foster comprehensibility. Our "top counts approach" allows an appointment committee to pick and choose from a portfolio of indicators according to the actual strategic alignment. Furthermore, control and additional data help to understand disciplinary publication habits, to unveil concealed aspects and to identify individual publication strategies of the candidates or individual researchers to be evaluated. Bibliometrics only shines a light on quantitative aspects and should never be applied irrespective of the given qualitative context.

Evaluation and Mapping of Scientific Research and Support for the Individual Researcher

Ton van Raan, [CWTS – Centre for Science and Technology Studies, Leiden University, The Netherlands](#)

We present an overview of the latest developments in 'measuring science' based on bibliometric methods. Our central topic is the role of citation- and concept-networks and their combination as a natural basis for both the construction of performance indicators as well as the construction of science maps. We present real-life examples of practical applications of advanced bibliometric methods in the evaluation and mapping of universities, departments and institutes. These applications also offer individual scientists instruments to explore their own research field. We show how cluster-based normalization is used to tackle the problem of the large differences in citation-density within fields. The strong strategic potential of science mapping based on new CWTS bibliometric instruments such as the VoS-viewer and CitNetExplorer is shown by recent work on the study of 'retarded innovations'. These developments offer new tools for the individual researcher to explore their own 'cognitive environment'. We will also discuss the new version of the Leiden Ranking in comparison with other prominent university rankings.

Policy Use of Bibliometric Evaluation and its Repercussions on the Scientific Community

Koenraad Debackere, KU Leuven, Belgium

Modern science policy firmly relies on bibliometric data & indicators to assess the scientific performance of research institutions, research groups and even individual researchers. In addition, benchmarking the scientific performance of countries and regions is another item on the agenda of evaluative science policy. During the presentation, the repercussions of this policy use of bibliometric evaluation will be dealt with along three lines of thought and reflection. First, recent trends and insights into data and indicator use for evaluative science policy will be highlighted. Second, an overview of current policy frameworks will be presented, taking into account the recent trend to link scientific performance to so-called smart specialization policies. Third, we will reflect upon the multifaceted impact those trends have (or may have) on the scientific community and (in the limit) the behavior of individual scientists.

The Application Context of Research Assessment Methodologies

Henk F. Moed, Independent researcher and scientific advisor

The lecture distinguishes two roles of research assessment methodologies in research management and policy: instrumental to a specific assessment process and critical-enlightening. It is argued that the choice of metrics to be applied in a research assessment process depends upon the unit of assessment, the research dimension to be assessed, and the purposes and policy context of the assessment. An indicator may be highly useful within one assessment process, but less so in another. There is no such thing as a performance measure of uniform validity, applicable in all circumstances. A typical example of a critical-enlightening study is a “meta-analysis” of the units under assessment in which metrics are not used as tools to evaluate individual units, but to reach policy inferences regarding the objectives and general setup of an assessment process. Focusing on their instrumental role, six examples illustrate how indicators proposed during the past decades fit into the wider context of the developers and align with specific policy objectives: The journal impact factor and related measures developed by Eugene Garfield; A relative indicator of national citation impact proposed by the ISSRU team in Budapest; a trend analysis of a research group’s short term citation impact developed at CWTS in Leiden; the Hirsh index of an individual’s research

output; altmetrics derived from social media; and a bibliometric model of the development of a national research system. It is argued that yet non-explicated, un-reflected assumptions and hidden interests may influence indicator development. Such assumptions and interests are not necessarily “bad” or distorting influences as long as they are made explicit. They may emerge from the fact that developers of assessment methodologies may themselves be subjected to the performance measurements they develop, and that indicators are increasingly becoming marketing tools of research organisations and the information industry. It is important to analyze such influences without affecting the integrity of developers or users. The lecture presents a series of examples and considerations that further clarify this issue.

terms, journal sets and classifications. In this session we will explore good practice examples to design “effective queries”. Participants will be shown how to get the most from expert knowledge, how to iteratively optimize queries, how to carefully use truncating techniques of terms to cover more ground and how to avoid pitfalls such as over-optimization or queries that are “too fuzzy around the edges”.

Designing Effective Queries

Stephan Gauch, German Centre for Higher Education Research and Science Studies – DZHW & Humboldt University of Berlin, Germany

The quality of bibliometric approaches, both explorative as well as evaluative, is strongly influenced by the way search queries to bibliometric databases are constructed. This becomes apparent when beginning scholars and practitioners of bibliometrics are shocked when they learn that the scientific field or topic they thought could be covered by a simple search term is far better covered by pages and pages of carefully selected and intricate combinations of search

Tuesday, September 6th:

Data Cleaning and Processing

Christine Rimmert, Institute for Interdisciplinary Studies of Science / AG Bibliometrie, Bielefeld University, Germany

The quality of bibliometric analyses is heavily depending on appropriated handling of the relevant raw data fields. Depending on the level of aggregation and the target objects under study, various issues of accuracy can come up with citation links and several data elements (document type, author, institution, country, journal, field and discipline). We will have a close look at the relevant data fields in modern citation databases like Web of Science or Scopus to see if they are “ready to use” for doing all kinds of bibliometric studies. Main problems of data quality will be shown and major types of errors and their consequences will be discussed. Standardisation, verification and the introduction of identifiers can help to overcome problems of data quality. Data processing approaches of the German competence centre for bibliometrics will be demonstrated.

Author Identification

Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium

The seminar lecture focuses on the identification of authors and the disambiguation of their names. This issue has become a key prerequisite for individual-level bibliometrics. Also the identification of author self-citations requires correct assignment of names to authors. Although Thomson Reuters and Elsevier offer the use of Researcher-/ Author-IDs, thorough author identification and name disambiguation is only partially feasible on the basis of these IDs. Typical problems in dealing with these IDs will be discussed.

In the course of the lecture it will be shown how standardisation of names and initials in combination with institutional assignment, IDs and external sources can be used to identify authors in the Web of Science and SCOPUS databases.

Computerised techniques based, for instance, on N-grams can essentially facilitate the matching of external sources such as author publication lists or CVs with bibliographic databases. This approach is briefly described in this lecture. Because of possible type I and II errors and the sensitivity of the matter, final manual corrections of the results of such automated processes remain indispensable.

Subject Normalization for Citation Analysis

Wolfgang Glänzel, Centre for R&D Monitoring (ECCOM), KU Leuven, Belgium

Subject normalisation for citation analysis is a fundamental requirement for citation analysis in a multidisciplinary environment. Recently two fundamental approaches exist, the so-called source- and citing-side normalisation, or, using another terminology, the a priori and a posteriori normalisation. Both methods will be introduced and described. Although the a priori normalisation represents a more advanced methodology, its application is reserved for a rather small group of users. The reason is the access to and the processing of the complete database (Web of Science or SCOPUS) since in this approach citations have to be normalised before they are counted. Knowledge about this normalisation technique is, however, important because this future-oriented methodology is already applied by larger bibliometric centres.

The second method is rather conservative, but can be applied by any user who has access to the online version of the Web of Science or SCOPUS. The main characteristic of a posteriori normalisation is that citation counts are normalised after counting on the basis of proper reference values.

Advantages and disadvantages of both methods are discussed and examples for the second approach are calculated.

Journal Impact Measures

Wolfgang Glänzel, Centre for R&D Monitoring (ECCOM), KU Leuven, Belgium / **Juan Gorraiz**, Bibliometrics and Publication Strategies, University of Vienna, Austria

The seminar on impact measures will first shed light on the best known and most controversial indicator, namely Garfield's Journal Impact Factor. Its strengths and weaknesses as well as its correct use will be discussed thoroughly. Moreover the corresponding analytical tool, Thomson Reuter's Journal Citation Reports will be demonstrated.

Alternative impact measures like Eigenfactor metrics, SJR and SNIP have been introduced within the recent years and will be presented to complete the picture. The theoretically imparted knowledge will finally be consolidated in practical exercises.

Research Management Solutions – InCites, an Objective Analysis of People, Programs, and Peers

Massimiliano Carloni, Global Solutions Support Specialist, Thomson Reuters

With customized citation data and metrics, and multidimensional profiles on the leading research institutions and journals, InCites supports research evaluation and assessment, collaboration activities, and competitive analysis using the industry's most trusted content, tools, and services. In this presentation we will examine InCites robust visualization and reporting tools designed to help identify new trends, evaluate new and existing collaborations, and analyze performance.

Wednesday, September 7th:

The Application of Network Analysis in Science Studies: Common Theoretical Background for Broad Applications

Bart Thijs, Centre for R&D Monitoring (ECOOM), Dept MSI, KU Leuven, Belgium

Network analysis in scientometrics provides a powerful set of tools and techniques to uncover the relations, structure and development among different actors in science. It is often referred to as Mapping of Science and can be applied to all entities associated with science like disciplines, journals, institutions and researchers. This lecture will focus mainly on different measures of relations between entities tackling both on the classical approaches as on the new techniques of network analysis in an application-oriented approach within a solid theoretical framework.

Relations based on citations and references include bibliographic coupling, co- and cross-citation. Other direct links between entities include co-authorship, institutional collaboration or international collaboration. Also lexical approaches like co-word analysis and text mining will be tackled. Each of these measures has their own properties which can have strong implications on the applicability of the analytical techniques. In order to improve the distinctive capabilities of these measures new hybrid approaches have been proposed.

The lecture will also deal with several

analytical tools and visualization techniques that are suitable for capturing the underlying structure. Clustering techniques like k-means or Ward's hierarchical clustering are proven techniques to classify the entities modularity clustering has become a popular alternative.

Research Collaboration Measured by Co-Authorship

Wolfgang Glänzel, Centre for R&D Monitoring (ECOOM), KU Leuven, Belgium

Co-authorship can be used as a proxy for research collaboration at higher levels of aggregation, e.g., in the case of institutional or international collaboration. But even at the level of research teams and individual scientists, co-authorship patterns reveal important information about main actors and their role in the network of scholarly communication.

In the first part of the lecture the analysis of co-authorship networks at the micro, meso and macro level is described. The strength of co-authorship links among individual scientists, institutions or countries can preferably be determined using appropriate similarity measures. Co-authorship networks can readily be visualised applying suitable software that is available and free for non-commercial use.

In the second part, bibliometric indicators for the analysis of research collaboration at the meso and macro level will be introduced. It will be shown how indicators and similarity measures can be calculated using the "analyse results" and "citation

report" tool in the online version of the Web of Science.

How to Evaluate and Benchmark your Institution Research Output with SciVal
Tomaso Benedet, Solutions Sales Manager
– Research Intelligence, Elsevier

Nowadays having the right tool to evaluate academic output at your institution is a key point in order to be able to design an informed strategic plan. With SciVal you will be able to see in a snapshot all the details about research at your institutions, deep dive into the details of each single publication. You will also be able to properly benchmark your authors institution or even country against parallel entities in order to understand which direction to take or where to invest in collaboration. This service will help your research office but will also be a fundamental tool for your researchers that will be able to evaluate their profile and to analyze hot topics in their own area of interest.

Thursday, September 8th:

The Dawn of a New Metrics Era

Juan Gorraiz, Bibliometrics and Publication Strategies, University of Vienna, Austria

It is impossible to ignore the omnipresent and substantial influence of social media on our daily life activities, which also increasingly calls for changes in scientific communication processes. This is certainly a new challenge for scientists, librarians and research administrators alike.

This talk provides general background information, a historical overview as well as a critical discussion about the relevance of new metrics in comparison to traditional citation metrics. It points out the diversity, heterogeneity as well as the shortcomings of these new metrics and will address the lacking standardization, which is a critical issue for the acceptance within the scientific community.

Furthermore, selected results, comparisons and models will be presented and discussed, like a potential usefulness of new metrics for assessing research "impact" in the humanities.

Finally, it will be debated how scientists can cope with this new development, particularly to which degree they are obliged to actively participate in the self-promotion game and how this would change their traditional role as a scientist.

Altmetrics

Rodrigo Costas, CWTS – Centre for Science and Technology Studies, Leiden University, The Netherlands

The recent 'explosion' of tracking tools that have accompanied the surge of web based information instruments has also open the possibility of measuring how new research publications are 'read', tweeted, shared, commented, discussed, rated, liked, etc. in an online and open environment.

All these online events leave 'traces' around publications, thus allowing for the calculation of new metrics, which has given birth to the recent term of 'altmetrics'.

These new metrics are expected to work as evidence of impact that can inform research evaluation and strategic decisions in science policy. However their actual meaning, validity and usefulness are still open questions. A review of the most important empirical research around altmetrics will be discussed in order to understand better their main characteristics and features.

A more conceptual discussion to frame these new metrics will be presented in order to provide hints on how these new metrics could be considered for practical purposes.

Societal Impact

Nicolas Robinson Garcia, INGENIO (UPV-CSIC), Universitat Politècnica de València, Spain / **Daniel Torres-Salinas**, Universidad de Navarra and Universidad de Granada (EC3metrics & Medialab UGR), Spain

Recently there is an increasing pressure on the development of indicators and methodologies that can offer evidences of the societal impact of researchers' activity. This presentation will offer a comprehensive overview on the definition of societal impact, types of impact, and the attribution problem when searching for potential indicators. A special attention will be given to altmetric indicators and their potential role in tracing social engagement and its relation with societal impact. Examples of potential uses and current lines of work will be presented.

Bibliometrics and (E)valuation of Research(er): On Ethics and Responsibility in "Numbering" Research(er)

Ulrike Felt, Professor of Science and Technology Studies and Dean of the Faculty of Social Sciences, University of Vienna, Austria

„In rankings we trust“ titles a recent paper addressing the puzzle why internet users in contemporary society trust in distributed forms of assessment and ranking practices. In academia mappings, rankings and indicators are supposed to allow for a constant comparative observation of how institutions, knowledge and people

develop. When it comes to discussing publication patterns, how they are mapped by bibliometric studies and how that in turn relates to academic assessment and increasingly also to the self-understanding of (young) researchers, this presentation will explore two key-questions:

- 1) How can we understand the relation between the technological possibilities of (self-) observation through bibliometric analysis and other assessment supporting practices, on the one hand, and publication patterns and practices in the social sciences and humanities on the other hand?
- 2) Why, when and up to what degree do we develop trust in such measures, i.e. trust in numbers, in maps and other ordering devices?

The presentation will address change in the research system and its impact on disciplinary orders, its relation to publication practices and, finally, how bibliometrics becomes an increasingly powerful intermediary between research practices and their valuation within academic institutions, careers and beyond.

Friday, September 9th:

Google Scholar: Journal-, Article- and Author-Level Metrics

Isidro F. Aguilto, Cybermetrics Lab-Scimago (IPP-CSIC), Spain

The presentation revises the metrics characteristics of the Google Scholar (GS) database with special attention to the GS Metrics (journals) and GS Citations (profiles) products. The topics analyzed includes comparative coverage with other citation databases, description and analysis of the indicators provided directly by GS or indirectly by 'Publish or Perish' software and the ranking capabilities of the results. The main shortcomings of the different services are described and suggestions for the avoiding or limiting their impact in bibliometric studies are introduced. A case study will be presented using institutional profiles from GS Citations for Spain and deriving bibliometric indicators from author-level metrics.

Bibliometrics and Open Access

Eric Archambault, 1science & Science-Metrix, Canada

The Open Access (OA) model for scientific publications has been examined for years by academics who have argued that it presents advantages in increasing accessibility and, consequently, in increasing the impact of papers.

It has been noted that OA availability has increased steadily over the years. However, current measurement has seriously underestimated the proportion of OA peer-reviewed articles. Therefore, it is necessary to develop new measurement methods. One challenge is to distinguish more clearly between Gold OA, Hybrid OA and non-fully Gold journals, and self-archiving ('Green OA').

This presentation examines the results of recent studies assessing the free availability of scholarly publications during different time periods and the proportion of Open Access Papers published in peer-reviewed journals at different levels. Different types of growth in freely available papers have been identified and analysed.

In conclusion, best practices for institutional repository management will be mentioned and opportunities and challenges faced by the OA model will be examined.

lecturers

Isidro F. Aguillo

Cybermetrics Lab-Scimago (IPP-CSIC), Spain



Isidro F. Aguillo is the head of The Cybermetrics Lab, a research group of the Instituto de Políticas y Bienes Públicos (IPP) of the Spanish National Research Council (CSIC). He is the

editor of the Rankings Web (Webometrics), including the Ranking Web of Universities (since 2004), Research Centres (since 2006), Hospitals, Repositories and Business Schools (since 2008). He is the founder and editor of the journal "Cybermetrics" (since 1997), the first electronic-only journal of the CSIC. He has published more than 60 papers in international journals on such research topics as evaluation of the scientific activity, electronic journals, open access initiatives and specially webometrics and web indicators. His teaching activity comprises more than 400 workshops, seminars and conferences in more than 120 Universities and professional societies worldwide. In 2000 he was appointed to the Spanish Office for Science and Technology (SOST) in Brussels (Belgium). In 2002 he was granted Metcalfe Visitor Professor in the University of New South Wales (Sydney, Australia). In 2009 he was invested Doctor Honoris Causa by the University of Indonesia. In 2015 he was recognized Doctor Honoris Causa by the National Research Nuclear University Moscow.

Éric Archambault

1science & Science-Metrix, Canada



Éric Archambault is President and CEO of Science-Metrix and has been a passionate student, analyst, and researcher in the evaluation and measurement of science, tech-

nology, and innovation for 25 years. With his extensive knowledge of quantitative methods and the issues surrounding the evolution and monitoring of research, education and S&T policy, Dr. Archambault has directed well over 100 S&T evaluation-, measurement- and policy-related projects during his 10 years as head of Science-Metrix. Éric graduated in Science, Technology and Society from the Université du Québec à Montréal (UQAM) and obtained an M.Sc. in Science, Technology, and Industrialisation, and a D.Phil. in S&T Policy Studies at the Science Policy Research Unit (SPRU, University of Sussex, UK). Dr. Archambault is a member of the Canadian Evaluation Society and the American Evaluation Association and a Fellow at the Centre for Innovation Studies (THESIS, University of Calgary, Alberta, Canada). He is also a lifetime member of the ISSI (International Society for Scientometrics & Infometrics) and sits on the editorial board of the Scientometrics journal. Thanks to his initiative, the Science and Technology Indicator Conference (STI, as known as the "Leiden Conference") was held outside Europe for the first time in Montreal from September 6 to 9, 2012 with Éric as co-chair .

lecturers

Nicola De Bellis

Bibliometric Office (CSBA) - University of Modena and Reggio Emilia, Italy



Graduated in philosophy at the University of Bari, Italy, De Bellis obtained a PhD in history of science in 1998 with a doctoral dissertation on Renaissance natural history. Seven years later,

that job provided the background for an Italian prize-winning manuscript on the role of bibliographic citations in the scientific communication system. Having joined a medical library in 2002, he has been working since then on the boundary line between information science, history and philosophy of science. He is currently contract professor of information science for the Department of Education and Humanities and runs a full time bibliometric office supporting research evaluation activities at the University of Modena and Reggio Emilia.

Tomaso Benedet

Solutions Sales Manager –
Research Intelligence, Elsevier



I graduated at Università degli Studi di Padova in Molecular biology in 2003, after a fellowship at the Venetian Institute for Molecular Medicine I moved to Madrid. Here I obtained

my PhD in Molecular Biology with a thesis on the molecular mechanisms that control the perception of pain. After my PhD I moved to the information industry working in different segments: I started at the Nature Publishing Group dealing with Corporate, offering content solutions to pharmaceutical companies. I then move to the academic market and focused myself on services: first with ProQuest with library services like web scale discovery and Integrated Library Platform. Finally I joined Elsevier working at the research management department, here we work to provide Universities and Governmental institutions the best data to evaluate plan and evaluate their research, our main object in provide our client with the best information and to allow them to design the most appropriate Strategy.

Stephan Büttgen

Director of Sales of Plum Analytics in Europe



Stephan Buettgen is the Director of Sales of Plum Analytics in Europe. Before this he worked in various roles in the publishing and information industry e.g. at Thomson Reuters and

Elsevier and has a proven track record in the analytical space. He holds degrees in Economic Science and Psychology and currently lives near Berlin, Germany.

Massimiliano Carloni

Global Solutions Support Specialist,
Thomson Reuters



He graduated in Electronic Engineering from Tor Vergata, E-MBA at MiB in 2008, aged 46, married, two daughters, has been operating for over 18 years in Sales & Marketing in

different sectors and markets. Since March 2013, he has been working in the IP&S division of Thomson Reuters as a Solution Consultant charged with pre- and post-sales customer support for European customers. Previously he was in charge of the Italian Top Accounts of Elsevier. He has developed a deep knowledge of the academic publishing market, paying particular attention to digital platforms.

He also served for five years in the defense multinational corporation, Northrop Grumman, dealing with strategic marketing, business development and institutional relations.

Rodrigo Costas

CWTS – Centre for Science and Technology Studies, Leiden University, The Netherlands



Rodrigo Costas is an experienced researcher in the field of information science and bibliometrics. With a PhD in Library and Information Science obtained at the CSIC in Spain, Rodrigo

has been working at CWTS (Leiden University, the Netherlands) since 2009. His lines of research cover a broad scope of topics, including the development of new bibliometric tools and indicators as well as tools for the study of research activities based on quantitative data, having a particular focus on the analysis of individual scholars through bibliometric methodologies. Rodrigo has recently started some novel research lines at CWTS including the study of 'altmetrics' and the possibilities of funding acknowledgments in order to expand the analytical possibilities of scientometrics. At CWTS Rodrigo also coordinates several projects for different scientific organizations worldwide.

Koenraad Debackere

Koenraad Debackere, KU Leuven, Belgium



Koenraad Debackere has been with KU Leuven since 1995. He obtained his Ph.D. in Management with an ICM-fellowship at the University of Gent after stays as an ICM-fellow and an ICRMOT research assistant at MIT Sloan School of Management. He was a Fulbright-Hays post-doctoral fellow at MIT in 1991-1992. In 1995 he became professor at KU Leuven. His research has focused on the area of technology and innovation management and policy, the development of indicators for measuring the linkage between science and technology, the design and use of bibliometric indicators for science policy purposes and the role of entrepreneurial

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universities in economic development. He is coordinator of the Centre for R&D Monitoring (ECCOM) of the Flemish government. He is also actively engaged in technology transfer activity as managing director of KU Leuven Research & Development and Chairman of the Gemma Frisius Fonds (the venture fund) of the KU Leuven.

Ulrike Felt

Professor of Science and Technology Studies and Dean of the Faculty of Social Sciences, University of Vienna, Austria



Ulrike Felt holds a PhD in physics/mathematics and a habilitation in Science and Technology Studies/Sociology of Science. Her research focuses on knowledge politics,

changing research cultures including questions of responsible innovation, institutional transformations and changing valuation in research, as well as on issues of governance, democracy and public participation in technoscience. She has published widely in these areas. She has been invited professor at numerous universities, has been and is involved in policy advice to the European Commission, to the European Science Foundation as well as to national bodies and is serving on a number of advisory boards of academic institutions as well as on editorial boards of journals. From July 2002 to June 2007 she was editor-in-chief of the international peer-reviewed Journal Science,

Technology, & Human Values. She is the lead-editor of the most recent handbook of Science and Technology Studies (MIT Press, 2017).

Stephan Gauch

German Centre for Higher Education Research and Science Studies – DZHW & Humboldt University of Berlin, Germany



Stephan Gauch studied social science at the University of Mannheim majoring in statistics and methods of empirical social research in fall of 2003.

From 2004 to 2008 Stephan

Gauch was a researcher in the department of Innovation Systems and Policy at Fraunhofer ISI. Between 2009 and 2014 he has been working at the Berlin Technical University at the Chair of Innovation Economics. From 2012 to 2014 Stephan Gauch was affiliated to Fraunhofer FOKUS working on a number of economics- and innovation-related topics in the ICT field such as Big and Open data analytics, policy analysis in the ICT sector, standardization foresight as well as standardization strategies. Stephan Gauch finished his PHD in 2011 on the topic of the interlinkage between research and standardization and the the division of labor between formal and informal standardization in ICT. His thesis was awarded with the “Sonderpreis Wissenschaft 2012” of the German Institute for Standardization (DIN). Since 2014 Stephan Gauch is affiliated to DZHW and Humboldt University of Berlin.

Wolfgang Glänzel

Centre for R&D Monitoring (ECOOM),
KU Leuven, Belgium



Wolfgang Glänzel is at KU Leuven since 2002. He is Director of Centre for R&D Monitoring (ECOOM) of the Flemish government and Professor at KU Leuven. He is also affiliated with

the Department of Science Policy & Scientometrics at the Library of the Hungarian Academy of Sciences in Budapest (Hungary). Wolfgang Glänzel is skilled mathematician. He holds a doctorate in mathematics from the Eötvös University in Budapest (1984) and a PhD in Science Studies from Leiden University (1997). Wolfgang Glänzel worked at the Library of the Hungarian Academy of Sciences between 1980 and 2001. Wolfgang Glänzel is Research Fellow of the Alexander von Humboldt Foundation. He was awarded the Derek de Solla Price Medal "for outstanding contributions to quantitative studies of science" in 1999. He is Editor-in-Chief of the international journal *Scientometrics* since 2014. In the same year he has been selected as a Thomson Reuters Highly Cited Researcher in the field of Social Sciences, general (<http://highlycited.com>).

Juan Gorraiz

Bibliometrics and Publication Strategies,
University of Vienna, Austria



Juan Gorraiz studied physics at the University of Madrid and at the University of Vienna, where he obtained his Doctor's degree. He is Head of the Bibliometrics and Publica-

tion Strategies Department of the Library and Archive Services, University of Vienna, which is specialized on supporting both researchers and decision-makers in research administration. He has been engaged in bibliometric analyses and studies since 2001. Moreover, he has been teaching information retrieval and bibliometrics at the university course „Library and Information Studies“ since 1992. Apart from his ongoing commitment to the *esss* he rendered outstanding services to the scientometric community as an organizer and programme chair of the „10th International Conference on Science & Technical Indicators“ 2008 in Vienna as well as an organizer of the “14th International Society of Scientometrics and Informetrics Conference” 2013 in Vienna.

lecturers

Sybille Hinze

German Centre for Higher Education
Research and Science Studies – DZHW,
Germany



graduated in 'Management of Science' from Humboldt-University. From 1990 to 1997 she worked as a research fellow at the Fraunhofer Institute for Systems and Innovation

Research. She got her PhD from Leiden University, Centre for Science and Technology Studies (CWTS), the Netherlands in 1997. From 1997-1999 she was a postdoctoral fellow at the Research Evaluation and Policy Project, Australian National University, Canberra. From 1999 to 2008 she held a senior researcher position at Fraunhofer ISI, where she was also deputy head of the competence centre "Policy and Regions". From March 2005 to August 2006 she was seconded to the European Commission, DG Research, Unit Programming, Monitoring, and Evaluation. From August 2008 to December 2015 she was deputy director of the Institute for Research Information and Quality Assurance. As of January 1st, 2016 she is deputy director of the DZHW's Department 2 "Research System and Science Dynamics". Sybille Hinze is a member of the steering committee of the European Summer School for Scientometrics, European editor of the Journal "Science and Public Policy". In September 2013 she was elected as secretary of the European Network of Indicator Designers (ENID) and in November

2014 as chair of the German Competence Centre for Bibliometrics.

Stefan Hornbostel

German Centre for Higher Education
Research and Science Studies - DZHW,
Germany



Stefan Hornbostel studied Social Sciences at the University of Göttingen. He did his PhD at the Freie Universität Berlin. After his studies, he worked at the Universities of Kassel, Cologne, Jena and Dortmund, as well as at the

Center of Higher Education Development (CHE – Centrum für Hochschulentwicklung). Stefan Hornbostel is Professor at the Department of Social Sciences (Science Studies) at the Humboldt University of Berlin and director of the DZHW's Department 2 "Research System and Science Dynamics".

Henk F. Moed

Independent researcher and
scientific advisor



Between 1981 and 2010 Henk F. Moed was a senior staff member at the Centre for Science and Technology Studies (CWTS) at Leiden University. During 2010-2014 he was a senior

scientific advisor at Elsevier, Amsterdam, The Netherlands. He obtained a Ph.D. degree

in Science Studies at the University of Leiden in 1989. He has been active in numerous research topics, including: the creation of bibliometric databases from raw data from Thomson Scientific's Web of Science and Elsevier's Scopus; analysis of inaccuracies in citation matching; assessment of the potentialities and pitfalls of journal impact factors; the development and application of science indicators for the measurement of research performance in the basic natural- and life sciences; the use of bibliometric indicators as a tool to assess peer review procedures; the development and application of performance indicators in social sciences and humanities; studies of the effects of 'Open Access' upon research impact and studies of patterns in 'usage' (downloading) behaviour of users of electronic scientific publication warehouses; studies of the effects of the use of bibliometric indicators upon scientific authors and journal publishers; development of a new journal impact measure (SNIP); the relationship between full text downloads and citations; bibliometric studies of international scientific migration and collaboration; comparisons of Web of Science, Scopus and Google Scholar; multi-dimensional assessment of research impact; the potential of altmetrics; ontology-based bibliometric data management. He published over 100 research articles in international, peer reviewed journals, and is editorial board member of several journals in his field. He is a winner of the Derek de Solla Price Award in 1999. He edited in 2004, jointly with W. Glanzel and U. Schmoch, a Handbook on Quantitative Science and Technology Research (Kluwer, 800 pp), and published in

2005 a monograph, Citation Analysis in Research Evaluation (Springer, 346 pp.), which is one of the very few textbooks in the field. He is currently an independent scientific advisor, and visiting professor at the Sapienza University of Rome.

Christine Rimmert

Institute for Interdisciplinary Studies of Science / AG Bibliometrie, Bielefeld University, Germany

Christine Rimmert studied Mathematics and Psychology at Bielefeld University. In 2010 she joined the project team working on bibliometrics at Bielefeld University (AG Bibliometrie, Institute for Interdisciplinary Studies of Science - ISOS, coordinated by Matthias Winterhager). She is currently working on clearing and processing of institutional data in citation databases. Since 2015 she has also been working in the university administration at Bielefeld University.

Nicolas Robinson-Garcia

INGENIO (UPV-CSIC), Universitat Politècnica de València, Spain



Nicolas Robinson-Garcia is a postdoctoral researcher in the field of bibliometrics and research evaluation. He holds a PhD on Social Sciences at the University of Granada where he worked until 2014 within the EC3 Research Group. He currently works at at INGENIO

lecturers

(CSIC-UPV) and occasionally collaborates with EC3metrics SL as an external consultant. His main lines of research are the evaluation of monographs, university rankings and the use of new data sources for research assessment. He has recently started a new line of work on novel methodologies to trace the societal impact of the Social Sciences and Humanities.

Bart Thijs

Centre for R&D Monitoring (ECOOM), Dept MSI, KU Leuven, Belgium



Bart Thijs is a research expert in bibliometrics at the KU Leuven. In 1999 he graduated at the same university in Psychology with a specialization in Statistics. He spent several

years in industry as a statistical consultant, there he gained experience in the application of automated data analysis. In 2002 he joined the newly created policy research centre on R&D statistics at the KU Leuven. In 2009 he received his PhD from the Leiden University. Nowadays he is a senior researcher at the Centre for R&D Monitoring (ECOOM). He works on mapping of science based on the application of hybrid techniques.

Daniel Torres-Salinas

Universidad de Navarra and Universidad de Granada (EC3metrics & Medialab UGR), Spain



Daniel Torres Salinas, was awarded a PhD in Scientific Documentation from the University of Granada (2007). He works as a technician at the University of Navarra and

the University of Granada, where he audits the research performance. He is also a researcher in the field of bibliometrics and a member of the EC3 Group (Evaluation of Science and Scientific Communication- University of Granada), regularly publishing in journals such as *Scientometrics*, *JASIST* and *Profesional de la Información*. His main lines of research are the evaluation of Books, university rankings, *Altmetrics* and evaluative bibliometrics at university level. As an entrepreneur he is co-founder and CEO of the scientific consultancy spin-off EC3metrics and coordinator of the Digital Science Area at Medialab UGR. He is a developer for various research evaluation tools such as *cientificacvn*, *I-UGR Rankings of Spanish universities*, *CIRC (Clasificación Integrada de Revistas Científicas – Integrated Classification of Scientific Journals)* or *Bipublisher - Bibliometric Indicators for Publishers*. He frequently teaches courses on scientific communication, Web 2.0 and library research services and science.

Ton van Raan

CWTS - Centre for Science and Technology Studies, Leiden University, The Netherlands



Ton (Anthony F.J.) van Raan is Professor of Quantitative Studies of Science. Founder and until 2010 Director of the Centre for Science and Technology Studies (CWTS), Leiden University,

Netherlands. After his retirement as Director of CWTS, he remained research professor. He studied mathematics, physics and astronomy at Utrecht University. PhD in Physics, Utrecht (1973). Post-doctoral fellow (1973-1977) at the University of Bielefeld, visiting scientist in the US, UK, and France. Work in atomic physics, laser-physics, astrophysics, and in science policy and research management. From 1977 research fellow physics in Leiden, in 1985 'field switch' from physics to science and technology studies, 1991 Professor. His research focuses on design, construction and application of quantitative indicators of important aspects of scientific research and on mapping of research fields. Long standing and broad experience in the practical application of bibliometric methods in contract research for governments, the European Commission, research organizations, universities and research institutions all over the world, and the business sector, particularly publishers. In 1995 he received together with the American sociologist Robert K. Merton, the Derek de Solla Price Award, the highest international award in the field of quantitative studies of

science. Main research interests: application of bibliometric indicators in research evaluation; science as a self-organizing cognitive ecosystem, statistical and in particular scaling properties of bibliometric indicators, ranking and benchmarking of universities, mapping of science. Next to research he set up successful international teaching activities such as the CWTS Graduate Course on Measuring Science. Prof. van Raan set up a small spin-off company for advice on research evaluation and science policy issues. From 2013 he is adviser of the Netherlands Minister of Internal Affairs on urban policy of knowledge-intensive cities. In 2014-2015 he was adviser of the European Research Council (ERC) in the Expert Group for Program Monitoring and Evaluation. He published (as author and co-author) around thirty articles in physics and two hundred in science and technology studies. He is editor of the Handbook of Quantitative Studies of Science and Technology (Elsevier) and member of the editorial board of the international journals *Scientometrics*, *Research Evaluation*, and *Journal of Informetrics*. In 2014 he was listed amongst the Thomson Reuters Highly Cited Scientists. On the occasion of his retirement as CWTS director he was awarded by the Queen of the Netherlands with the royal distinction of Knight in the Order of the Dutch Lion. More info: <http://www.cwts.nl/tvr/>.

social events



VAJES EL CORTE INGLÉS

Alhambra Night Visit
Wednesday, September 7th
Meeting Point:
Granada Center Hotel
21.00h

The Alhambra, “the Red”, meaning the mountain where it is located, is not only the most beautiful, but also the best preserved and oldest of all Arab palaces that remain in the world. Entering it by the door of the weapons, in the North, or the justice, in the South to make a chronological journey. Included in the price:
Bus, entrance, official guide – English speaker, audio guide

Gala Dinner – La Chumbera
Thursday, September 8th
Meeting Point:
Granada Center Hotel
19.15h

La Chumbera is a municipal complex located in the Sacromonte. Sacromonte is beside the Albaicin and is most famous for its flamenco and its caves. It has an enviable location, with spectacular views of the Valparaíso mount, the Alhambra, and the Cathedral and some of the most beautiful caves, as they are: “La Gazpacha”, “La Golondrina” and “Las Cabrerías”. In addition, “La Chumbera” has an amphitheatre and Enrique Morente Auditorium overlooking the Alhambra in which takes place the Festival of music and dance of Granada.



Streets invite you to promenade, breathing calmness and tranquility. It seems that time has stopped in the Alpujarra. In Lanjaron, known as the Puerta de la Alpujarra, we visit mineral-medicinal waters. Then we see Orgiva with its special Moorish atmosphere. The balcony of the Alpujarra, Soportújar and Carataunas, as well as the “Barranco de Poqueira”, with the villages of Capileira, Pampaneira and Bubión are the highlights in this region. Gastronomy in the Alpujarra stands out for its meats and cold cuts, especially ham of Trevélez, the highest municipality of Spain.

Included in the price:
 Bus, official guide – English speaker,
 typical Alpujarreño lunch

Alpujarra Excursion
Saturday, September 10th

Meeting Point:
[Granada Center Hotel](#)
 10.00h

Return to [Granada Center Hotel](#):
 18.00h

The mountain region of Alpujarra is overlooking breathtaking scenery, almond trees, vineyards and terraces. Due to its geography people have adapted to the slopes, reason why their homes are staggered and oriented to the South, to take advantage of the pleasant Mediterranean climate.

location information



TA. Facultad de Ciencias del Trabajo

Calle Rector López Argüeta, s/n

C.P. E18071/

GR-18001 Granada, Spain

All Lectures

Monday September 5th –

Friday September 9th



B. Hotel Granada Center

Avenida de la Fuentenueva, s/n

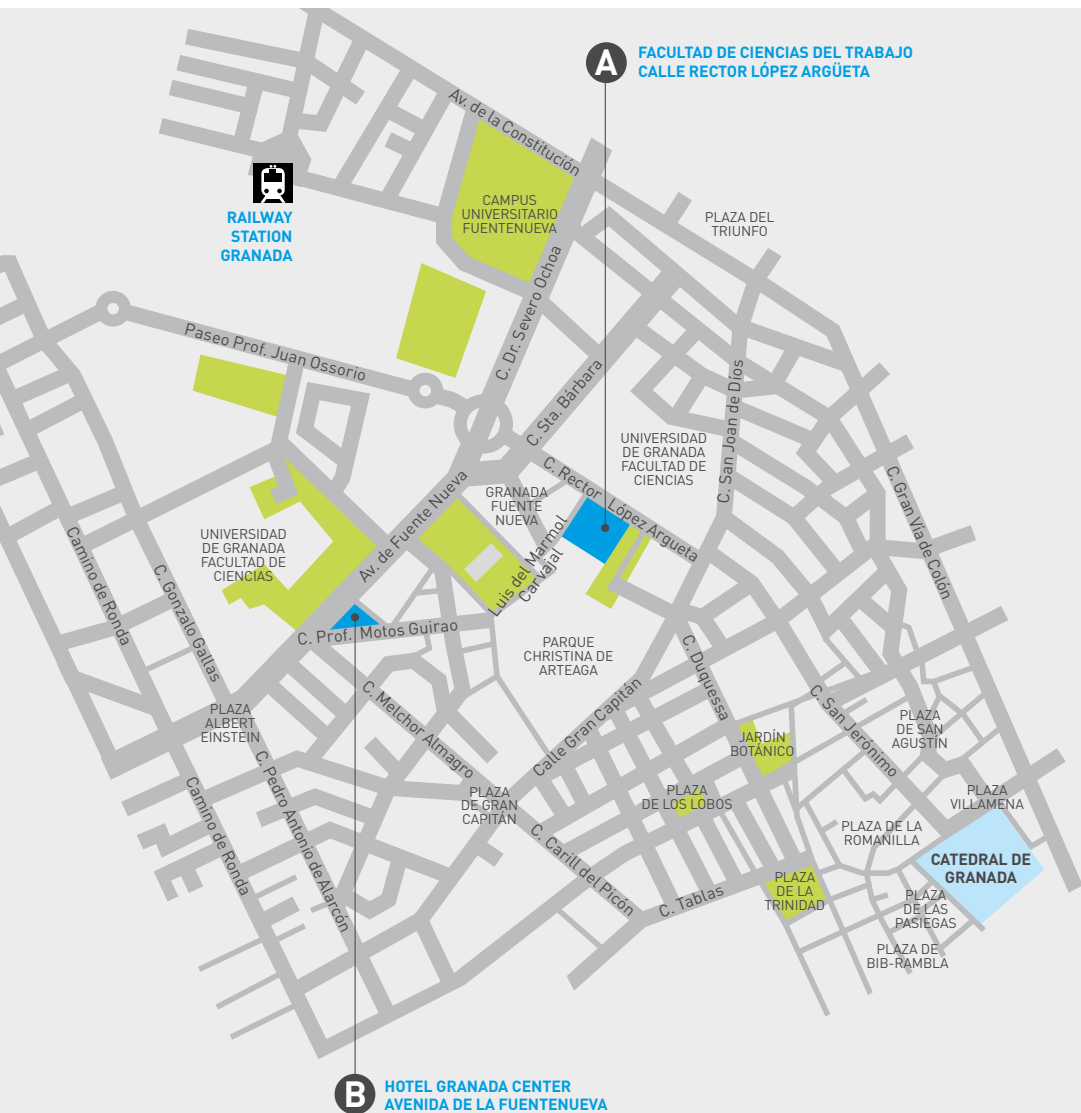
GR-18002 Granada, Spain

Lectures

Sunday September 4th

**Meeting point for all
social events**

map





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