



ANNUAL CONFERENCE ON
APPLIED MATHEMATICS AND INFORMATICS



Industrial and Business Statistics in Europe

Grigore ALBEANU

Spiru Haret University

Department of Mathematics and Computer Science

CAMAI – June 7-9, 2013, Bucharest; <http://camai.spiruharet.ro>



Contents

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- Country by Country – iYStat Coverage (June 7, 2013)
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Austria

- **Professional Societies**

[Austrian Statistical Society](#)

- **Colleges and Universities**

[JKU Linz, Department of Applied Statistics](#) [Johannes
Kepler Universität Linz
Institut für Angewandte Statistik]

[Universität Klagenfurt, Department of Statistics](#)

[Vienna University of Technology, Institute of Statistics and
Probability Theory](#)

- **Government**

[Statistics Austria](#)



Belgium

- **Professional Societies**

[Belgian Statistical Society](#)

- **Colleges and Universities**

[Université catholique de Louvain, Ecole de statistique, biostatistique et sciences actuarielles \(LSBA\)](#)

[I-BioStat, Hasselt University & KU Leuven, Belgium](#)

[Leuven Statistics Research Centre](#)

[Statistical Methodology and Computing Service \(SMCS\)](#)

[University of Hasselt](#)

[Université catholique de Louvain \(UCL\), ISBA/IMMAQ](#)

- **Research Institutes and Journals**

[CEBAM](#) [Belgian Centre for Evidence-Based Medicine
Belgian Branch of the Dutch Cochrane Centre]



Bulgaria

- **Professional Societies**

[Bulgarian Statistical Society](#)

- **Colleges and Universities**

[PGM - Shumen](#)

[Professional School of Economics- Razgrad](#)

[Professional School of Economics- Shumen](#)

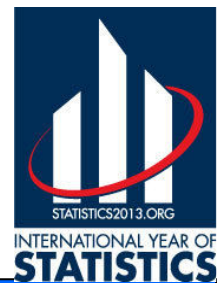
[Shumen University](#)

[Sofia University St. Kliment Ohridski, Faculty of Mathematics and Informatics](#)

[Tsenov Academy of Economics](#)

[University of Economics-Varna, Department of Statistics](#)

[VUZF University](#)



Czech Republic

- **Professional Societies**

[Czech Statistical Society](#)

- **Colleges and Universities**

[Palacky University Olomouc, Department of Mathematical Analysis and Applications of Mathematics](#)

- **Government**

[Czech Statistical Office](#)

- **Research Institutes and Journals**

[Institute of Computer Science, Academy of Sciences of the Czech Republic](#)



Denmark

- **Professional Societies**

[Danish Society for Biopharmaceutical Statistics](#)

[Danish Society of Theoretical Statistics](#)

- **Colleges and Universities**

[Syddansk Universitet](#)

[The T.N. Thiele Centre for Applied Mathematics in Natural Science, Department of Mathematics, University of Aarhus](#)

[University of Southern Denmark, Department of Biostatistics](#)

[University of Southern Denmark, Department of Mathematics and Computer Science,](#)

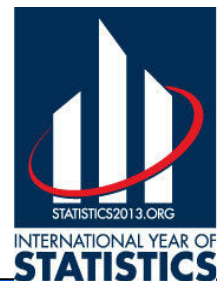
DTU: <http://www.dtu.dk>

- **Government**

[Statistics Denmark](#)

- **Research Institutes and Journals**

[Centre for Stochastic Geometry and Advanced Bioimaging](#)



France

- **Professional Societies**

[Societe Francaise de Statistique](#)

- **Colleges and Universities**

[CESAM, Centre d'Enseignement de la Statistique Appliquée à la médecine](#)

[Conservatoire National des Arts et Métiers, Paris, département de Mathématiques](#)

[Ecole nationale de la statistique et de l'analyse de l'information \(Ensa\)](#)

[Essec Business School](#)

[Statistique et Informatique Decisionnelle](#)

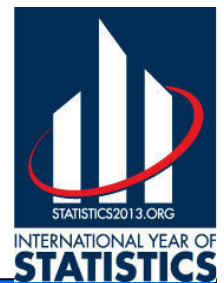
[Université de Bretagne-Sud, Département Mathématiques-Informatique-Statistique](#)

[École Centrale Paris](#)

- **Government**

CNIS: Conseil national de l'information statistique

Insee: Institut National de la Statistique et des Études Économiques



Germany

■ Professional Societies

[Deutsche Arbeitsgemeinschaft Statistik \(DAGStat\)](#)

[Fachbereich Medizinische Biometrie der Gesellschaft für Medizinische Information, Biometrie und Epidemiologie \(gmde e.V.\)](#)

[German Probability and Statistics Group \(Fachgruppe Stochastik in der DMV\)](#)

[German Region - International Biometric Society](#)

[German Statistical Society](#)

[Kooperation SAS-Anwender in Forschung und Entwicklung \(KSFE e.V.\)](#)

■ Colleges and Universities

[Beuth Hochschule für Technik Berlin, Fachbereich II](#)

[Georg-August-University Göttingen](#)

[Heinrich-Heine-University Düsseldorf, Chair of Mathematical Statistics and Probability Theory](#)

[Otto-von-Guericke University Magdeburg, Statistics](#)

[RWTH Aachen University](#)

[StatLab Heidelberg](#)

[Technische Universität München](#)

[Ulm University](#)

[University of Potsdam, Institute of Mathematics](#)

[University Heidelberg](#)

Universität zu Köln

[University of Dortmund, Department of Statistics](#)

[University of Duisburg-Essen, Chair of Econometrics](#)

[University of Education](#)

[Universität Augsburg, Institut fuer Mathematik](#)

[Universität Heidelberg - Statistics](#)



Greece

- **Professional Societies**

[Greek Society of Data Analysis](#)

[Greek Statistical Institute](#)

- **Colleges and Universities**

[Athens University of Economics & Business, Department of Statistics](#)

[University of Piraeus, Department of Statistics and Insurance Science](#)

[University of the Aegean, Faculty of Environment](#)

[University of Thessaly, Laboratory of Biometry](#)

- **Government**

[HELLENIC STATISTICAL AUTHORITY \(ELSTAT\)](#)

- **Research Institutes and Journals**

[Institute of Statistical Documentation Research and Analysis](#)



Italy



- **Professional Societies**

[Italian Statistical Society \(SIS\)](#)

- **Colleges and Universities**

[Polo Universitario di Asti](#)

[Universita' Cattolica del Sacro Cuore, Department of Statistical Sciences](#)

[University of Bologna, Department of Statistical Sciences](#)

[University of Florence, DiSIA - Department of Statistics, Computer Science, Applications](#)

[University of Genova, Department of Mathematics, Undergraduate degree in Mathematical Statistics and Data Management](#)

[University of Padova, Department of Management and Engineering](#)

[University of Padua, Department of Statistical Sciences](#)

[University of Pavia](#)

[University of Pavia, Department of Economics and Management](#)

[University of Salerno, Department of Economics and Statistics](#)

[University of Salerno, StatLab](#)

[University of Trieste, Dept. of Economics, Business, Mathematics and Statistics](#)

[University of Verona, Department of Economics](#)

[Università della Calabria, Dipartimento di Scienze Economiche Statistiche e Finanziarie](#)

[Università di Napoli Federico II, Department TEOMESUS \(teorie e metodi delle scienze umane e sociali\)](#)

Netherlands

- **Professional Societies**

[Netherlands Society for Statistics and Operations Research](#)

- **Colleges and Universities**

[Erasmus University Medical Center, Department of Biostatistics](#)

[Leiden University, Mathematical Institute, Statistical Science](#)

[Universiteit Utrecht, Research Master's Programme in Methodology and Statistics for the Behavioural, Biomedical and Social Sciences](#)

[University of Twente](#)

- **Government**

[Statistics Netherlands](#)

[Central Bureau of Statistics Aruba](#)



Poland

■ Professional Societies

[Kolo Naukowe Metod Ilosciowych: The Scientific Club of Quantitative Methods](#)

[Kolo naukowe statystyki matematycznej GAUSS](#)

[Polish Statistical Association](#)

[Statistical Forum - Polish First Statistical Forum](#)

■ Colleges and Universitie

[Maria Curie-Sklodowska University, The Faculty of Mathematics, Physics and Computer Science](#)

[Nicolaus Copernicus University, Faculty of Mathematics and Computer Science](#)

[University of Economics, Poznan, Department of Statistics,](#)

[University of Lodz, Department of Statistical Methods SKN SFI](#)

[University of Łódź, Institute of Statistics and Demography, Department of Statistical Methods](#)

[University of Management and Administration](#)

[Warsaw Management Academy](#)

■ Government

[Central Statistical Office of Poland](#)



Portugal



- **Professional Societies**

[jSPE: Young Portuguese Statisticians](#)

[Portuguese Association of Classification and Data Analysis \(CLAD\)](#)

[Portuguese Statistical Society](#)

- **Colleges and Universities**

[Colégio de Nossa Senhora da Graça](#)

[Escola Superior de Educação de Paula Frassinetti ? ESEPF](#)

[ESGHT - University of Algarve](#)

[Instituto Politécnico da Guarda](#)

[NEEUM- Núcleo de Estudantes de Estatística da Universidade do Minho - Portugal](#)

[Statistics and Prospective Unit of Instituto Superior Técnico \(Technical University of Lisbon\)](#)

[Universidade Aberta](#)

[Universidade de Aveiro, Instituto Superior de Contabilidade e Administração](#)

[Universidade de Aveiro, Serviços de Biblioteca, Informação Documental e Museologia](#)

[Universidade de Lisboa, Faculdade de Ciências](#)

[Universidade do Minho, Escola de Ciências, Centro de Matemática](#)

[Universidade do Minho, Escola de Ciências, Departamento de Matemática e Aplicações](#)

[University of Lisbon, Center of Statistics and Applications](#)

[University of Lisbon, Faculty of Sciences, Department of Statistics and Operations Research](#)

[University of Porto, Centre of Mathematics \(CMUP\)](#)

[University of Porto, Department of Mathematics, Faculty of Sciences \(DM-FCUP\)](#)

[UTAD, Universidade de Trás-os-Montes e Alto Douro](#)

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Switzerland



■ Professional Societies

[Swiss Association for Analytics](#)

[Swiss Statistical Society](#)

[Swiss Statistical Society, Official Statistics Section](#)

■ Colleges and Universities

[Ecole Polytechnique Fédérale de Lausanne; Chairs of Statistics, Mathematical Statistics, and Applied Statistics](#)

[ETH Zurich, Seminar for Statistics, Department of Mathematics, University of Geneva \(Switzerland\), Research Center for Statistics](#)

■ Government

[Statistik Stadt Zürich](#)

[Swiss Federal Statistical Office](#)

Sweden



■ Professional Societies

[Association for Industrial Statistics](#)

[Cramér society of Statistics and Mathematical Statistics, Sweden](#)

[sENBIS](#)

[Statistikfrämjandet Föreningen för Medicinsk Statistik \(FMS\)](#)

[Swedish Statistical Society](#)

■ Colleges and Universities

[Linköping University](#)

[Stockholm University, Department of Statistics](#)

[Umeå School of Business and Economics at Umeå University, Department of Statistics](#)

[Umeå University, Department of Mathematics and Mathematical Statistics](#)

[Uppsala University, Department of Statistics](#)

■ Government

[Statistics Sweden](#)

United Kingdom

■ Professional Societies

[Edinburgh Local Group](#), [Royal Statistical Society](#), [Manchester local group](#), [Royal Statistical Society](#)

[Radical Statistics](#), [Royal Statistical Society](#), [Royal Statistical Society Centre for Statistical Education](#), [Sheffield Local Group](#), [Royal Statistical Society](#)

■ Colleges and Universities

[Aberystwyth University](#)

[Exeter Initiative for Statistics and its Applications](#)

[Imperial College London](#), [Department of Mathematics](#)

[King's College London Dental Institute](#), [Biostatistics Centre](#); [Kings College London](#), [School of Social Science and Public Policy](#)

[Lancaster Centre for Forecasting](#); [London School of Economics](#), [Department of Statistics](#); [Loughborough University Department of Mathematical Sciences and Mathematics Education Centre](#)

[Lucy Cavendish College](#), [University of Cambridge](#)

[Plymouth University Statistics Group](#)

[School of Mathematics & Statistics](#), [The University of Glasgow](#)

[SSU](#), [The University of Sheffield](#)

[St. George's](#), [University of London](#)

[Teesside University](#), [Health and Social Care Institute](#)

[Ulster Business School](#), [University of Ulster](#)

[University of Bath](#), [Statistics Group](#)

[University of Cambridge](#), [Statistical Laboratory](#)

[University of Central Lancashire](#), [School of Health](#)

[University of Edinburgh Medical School](#), [Centre for Population Health Sciences](#)

[University of Kent Statistics Group](#)

[University of Lancaster](#), [Department of Mathematics & Statistics](#)

[University of Leeds](#), [Division of Biostatistics](#)

[University of Leicester](#)

[University of Manchester](#), [Faculty of Medical and Human Sciences](#)

[University of Nottingham](#)

[University of Oxford](#), [Department of Statistics](#)

[University of Salford](#)

[University of Sheffield](#), [School of Mathematics & Statistics](#)

[University of Southampton](#), [Southampton Statistical Sciences Research Institute](#)

[University of St Andrews](#), [Statistics Division](#)

[University of Warwick](#), [Department of Statistics](#)

Government

[Civil Aviation Authority](#)

[Cumbria Intelligence Observatory](#)

[Department for Environment, Food and Rural](#)

[Affairs - Environmental Statistics](#)

[LARIA \(Local Area Research and Intelligence Association\)](#)

[MRC Biostatistics Unit](#)

[MRC/CSO Social and Public Health Sciences Unit](#)

[NHs Leeds - Leeds Local Authority](#)

[Northern Ireland Statistics and Research Agency \(NISRA\)](#)

[Office for National Statistics \(ONS\)](#)

[UK House of Commons](#)

[West Sussex County Council](#)

[Anguilla Statistics Department](#)

[Bermuda Government](#), [Department of Statistics](#)

[Falkland Islands Government](#)

Research Institutes and Journals

[AQMeN \(Applied Quantitative Methods Network\)](#)

[Biomathematics and Statistics Scotland](#)



Spain

■ Professional Societies

[Asociación Española de Estadística para la Salud \(AESAs\)](#)

[Comunidad R Hispano](#)

[Federación Española de Sociedades de Profesores de Matemáticas](#)

[FreshBiostats](#)

[Grupo de Investigación en Didáctica de la Estadística, Probabilidad y Combinatoria de la Sociedad Española de Investigación en Educación Matemática](#)

[Sociedad de Estadística e Investigación Operativa](#)

[Sociedade Galega para a Promoción da Estatística e a Investigación de Operacións \(SGAPEIO\)](#)

[Societat Catalana d'Estadística](#)

[Societat Catalana de Matemàtiques](#)

[Spanish Biometric Society \(Spanish Region of the International Biometric Society\)](#)

■ Colleges and Universities

[Centre d'Estudis Demogràfics](#)

[Departament de Matemàtiques de la Universitat Autònoma de Barcelona](#)

[Escuela Andaluza de Salud Pública](#)

[Facultat de Matemàtiques i Estadística, Universitat Politècnica de Catalunya](#)

[Máster en Técnicas Estadísticas](#)

[Servei d'estadística Aplicada](#)

[Unitat d'Assessorament Estadístic - Serveis Tècnics de Recerca - Universitat de Girona](#)

[UNIVERSIDAD CARLOS III DE MADRID, Department of Statistics](#)

[Universidad Complutense de Madrid, Departamento de Estadística e Investigación Operativa I , Universidad Complutense de Madrid, Departamento de Estadística e Investigación Operativa II \(Métodos de Decisión\) , Universidad Complutense Madrid, Departamento de Estadística e Investigación Operativa III , Universidad Complutense Madrid, Escuela Universitaria de Estadística](#)

[Universidad de Burgos, Departamento de Matemáticas y Computación](#)

[Universidad de Sevilla, Department of Statistics and Operations Research , Universidad de Sevilla, Facultad de Matemáticas](#)

[Universidad de Valladolid, Departamento de Estadística e Investigación Operativa](#)

[Universidad de Zaragoza](#)

[Universidad Pública de Navarra, Departamento de Estadística e Investigación Operativa](#)

[Universidad Rey Juan Carlos, Departamento de Estadística e I.O.](#)

[Universitat Autònoma de Barcelona](#)

[Universitat de Barcelona - Departament d'Econometria, Estadística i Economia Espanyola](#)

[Universitat de València](#)

[UNIVERSITAT POLITÈCNICA DE CATALUNYA- Dept. Estadística i Investigació Operativa](#)

[University Miguel Hernandez of Elche \(UMH\)](#)

[University of Alcalá ; University of Castilla-La Mancha ; University of Castilla-La Mancha, Department of Statistics](#)

[University of Granada](#)

[University of Oviedo, Department of Applied Economics \(Statistics & Econometrics\)](#)

[University of the Basque Country UPV/EHU, Department of Applied Mathematics and Statistics and Operational Research](#)



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Ukraine



- **Professional Societies**

[LGBT-centre Donbas-SocProject](#)

- **Colleges and Universities**

[Dnipropetrovsk National University Oles Gonchar](#)

[Donetsk National University](#)

[Khmelnitsky University of Management and Law](#)

[Kyiv National Economic University named after Vadym Hetman - self-governing \(autonomous\) research university, Statistics Department](#)

[National State Tax Service University of Ukraine](#)

[National Technical University of Ukraine NTUU](#)

[Samborskii College of Economics and Informatics](#)

[Taras Shevchenko National University of Kyiv](#)

[The National Academy of Statistics, Dept. of Statistics](#)

[Volodymyr Dahl East Ukrainian National University, Department of Project Management and Applied Statistics](#)

Turkey



- **Professional Societies**

[International Society for Computational Biology - Regional Student Group](#)

- **Colleges and Universities**

[Akdeniz Üniversitesi](#) , [Anadolu University](#), [Ankara University](#), School of Medicine, Department of Biostatistics

[Baskent University](#), [Black Sea Technical University](#)

[Dicle University Medical Faculty Department of Biostatistics](#)

[Dokuz Eylül University Department of Statistics](#)

[Duzce Biyoistatistik](#), [Ege University](#), Dept. of Statistics

[Erciyes University](#), Department of Biostatistics

[Gazi University Statistics Club](#)

[Gazi University](#), Department of Statistics

[Hacettepe University Department of Statistics](#), [Hacettepe University](#), Department of Biostatistics

[Istanbul Medeniyet University](#) , [Istanbul Quantitative Lectures](#)

[Karabuk University](#), [Koc University](#)

[Marmara University](#), [Istanbul](#), Department of Statistics

[Marmara University](#), Medical School, Department of Biostatistics and Bioinformatics

[Mugla Sitki Kocman University](#)

[Selçuk Üniversitesi](#)

[Uludağ University Medical Faculty](#), Department of Biostatistics

[University of Cag](#), Math & Comp. Sciences Dept.

[Yıldırım Beyazıt University](#), Department of Biostatistics

[Çukurova Üniversitesi İstatistik Topluluğu](#)

Europe



- **Professional Societies**

- [European Federation of Statisticians in the Pharmaceutical Industry \(EFSPI\)](#)

- [European Mathematical Society](#)

- [European Network for Business and Industrial Statistics \(ENBIS\)](#)

- [PSI \(Statisticians in the Pharmaceutical Industry\)](#)

- **Colleges and Universities**

- [MEDIASRES Marie Curie Initial Training Network](#)

- **Government**

- [EFTA Statistical Office](#)

- [European Audiovisual Observatory](#)

- [European Central Bank](#)

- [European Statistical Advisory Committee](#)

- [European Statistical Governance Advisory Board \(ESGAB\)](#)

- [European Travel Commission](#)

- [Eurostat](#)

- [United Nations Economic Commission for Europe](#)

- **Research Institutes and Journals**

- [I-USE Stats in Education](#)

- [INRIA Sequel team](#)

- [RGCODA: Research Group on Compositional Data](#)

ENBIS -



European Network for Business
and Industrial Statistics

- Computing
- Datamining
- Design of Experiments
- Measurement Uncertainty
- Pharma
- Process Modeling and Control
- Reliability and Safety
- Risk Management
- Statistics in Practice
- Stochastic Modeling
- Young Statisticians

bENBIS

Leaders: Peter Goos, Anne De Frenne, Koen Rutten

deENBIS

Leaders: Boris Kulig, Bertram Schäfer, Gerhard Rappitsch

dENBIS

Leader: Jorgen Iwersen

isENBIS

Leaders: Shuki Dror, Alex Korenev

nENBIS

Leaders: Ronald J.M.M. Does, Wim Nieuwenhuysen

sENBIS

Leader: Göran Lande

tENBIS

Leader: Murat Caner Testik

ukENBIS

Leaders: Shirley Coleman, John Logsdon



ENBIS Conference

ENBIS-13

15 – 19 September 2013

Abstract submission: 5 February – 5 June 2013

Welcome

About the Conference

About the Venue

Abstracts

Registration

ENBIS-13 Conference in Ankara, Turkey



- Measurement uncertainty
- Process modeling and control
- Reliability and safety
- Operational risk management
- Data mining and warehousing
- Statistical computing
- Statistics in the pharmaceutical industry
- Quality improvement and six sigma
- Statistical engineering
- Time series modeling and forecasting
- Process improvement in healthcare
- Operations research and management
- Analysis of massive data sets
- Risk analysis and assessment
- Business analytics
- Teaching business and industrial statistics

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Conclusions



- A large plethora of organizations from Europe and over the world develop theoretical and applied research, and educational strategies in statistics.
- Romanian educational and research organizations are also involved.
- More details will be presented in January 2014.