

Programme

2004



European Conference on Quality and  
Methodology in Official Statistics (Q2004)

Mainz, Germany, Castle of the Prince Elector, 24–26 May 2004

Federal Statistical Office Germany



European Conference on Quality and Methodology in Official Statistics (Q2004)

**General Schedule**

Time	Monday, 24 May 2004	Tuesday, 25 May 2004	Wednesday, 26 May 2004
8.00	Registration	Registration	Registration
8.30			Early Bird Session
9.00	Training Courses I+II+III	Session 1: Opening Plenary Session	Session 18-24 (Parallel)
9.30			
10.00			
10.30	Coffee Break	Coffee Break	Coffee Break / Poster Presentations
11.00	Training Courses I+II+III ctd.	Session 2-8 (Parallel)	Session 25-31 (Parallel)
11.30			
12.00			
12.30	Luncheon	Luncheon	Luncheon
13.00			
13.30			
14.00	Training Courses I+II+III ctd.	Session 9: Key Note Address (Plenary)	Session 32-38 (Parallel)
14.30			
15.00			
15.30	Coffee Break	Session 10-16 (Parallel)	Coffee Break
16.00	Training Courses I+II+III ctd.	Coffee Break / Poster Presentations	Session 39: Panel Discussion "Quality in Statistics – The End of a Fashion?" (Plenary)
16.30			
17.00			
17.30	IASS Europe Meeting	Session 17: Plenary Invited Session "Official Statistics – The User Perspective"	End of Conference
18.00			
	Wine Reception/ Registration (18.30 - 20.30)	Evening Social Dinner/ Rhine River Cruise (19.30 - 23.00)	

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## Introduction

The European Conference on Quality and Methodology in Official Statistics (Q2004) is the first in a planned series of biennial scientific gatherings in Europe on important methodological and general quality-related topics of relevance to the European Statistical System (ESS). Its overall goal is to bring together people representing the current level of knowledge and new developments in the field of quality and methodology in statistics in Europe and the rest of the world.

Q2004 builds on the successful experience of the International Conference on Quality in Official Statistics in Stockholm 2001 (Q2001). It is at the same time the implementation of one of the more than 20 recommendations of the Leadership Expert Group (LEG) on Quality which were finally discussed at Q2001 and approved by the leaders of the National Statistical Institutes of the European Union in the same year. The conference will show the achievements in this area during the last three years but also demonstrate ongoing and new challenges for official statistics in the European Union and other parts of the world.

The relevance of the topic is clearly demonstrated by the high interest which the call for papers has caused. More than 260 abstracts have been submitted; more than 400 participants have registered. The high interest forced the Programme Committee to expand the number of sessions to 32, plus three sessions organised by DACSEIS, and another five invited sessions with high-level speakers from official as well as academic statistics (including an 'early bird session'), altogether 41 sessions. 128 contributed papers will be given by speakers from 4 continents, 31 countries and 59 institutions. Another 102 associated papers of high quality have been identified, some of which will be presented in poster sessions.

The organisers are particularly happy to offer a well-balanced programme with speakers from academics and official statisticians. Existing problems of official statistics in times of scarce resources can only be solved through improved co-operation with academics. On the other hand is the knowledge about practical problems the precondition for successful research and training at universities.

The Programme Committee is proud to present Q2004 with such a broad range of interesting topics and high-level speakers. It was a real challenge which, however, could be mastered thanks to the experience of the organisers of Q2001, and particularly Mr. Lars Lyberg from Statistics Sweden, who gave extremely valuable hints for a successful organisation.

We wish all participants a successful conference.

Werner Grünewald (Eurostat) and Thomas Körner (FSO Germany)  
Chairs, Q2004 Programme Committee

## European Conference on Quality and Methodology in Official Statistics (Q2004)

### Scientific Board

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Daniela Stefanescu, INSEE, Romania  
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Susanne Senfter, Mainz Congress Services

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**Monday, 24 May 2004**

9:00 - 17:30    **Training Courses 1 - 3**

**Course 1: Introduction to Survey Quality**

**Leibnizsaal**

*Course Leaders: Lars Lyberg, Statistics Sweden and  
Paul Biemer, RTI International, U.S.A.*

Suggested reading:

Paul Biemer and Lars Lyberg: Introduction to Survey Quality. Hoboken, N.J.: John Wiley and sons 2003.

*It is suggested that participants bring their personal copy of this book.*

**Course 2: Quality Management in Statistical Agencies**

**Forstersaal**

*Course Leaders: Mats Bergdahl, Statistics Sweden and  
Maria João Zilhão, National Statistical Institute, Portugal*

**Course 3: Variance Estimation in Complex Surveys**

**Spiegelsaal**

*Course Leaders: Chris Skinner, University of Southampton, United Kingdom,  
Anthony Davison, Swiss Federal Institute of Technology Lausanne and  
Ralf Münnich, University of Tübingen, Germany*

17:30 - 18:30    **IASS Europe Meeting**

**Leibnizsaal**

## Programme (Status of 22 April 2004)

Tuesday, 25 May 2004, 9.00 – 10.30

### Session 1: Plenary Opening Session

Großer Saal

*Chair: Jan Fischer, Czech Statistical Office*

- |       |   |
|-------|---|
| 9:10  | Welcome Address<br><i>Johann Hahlen, Federal Statistical Office, Germany</i>  |
| 9:20  | Welcome Address<br><i>Michel Vanden Abeele, Eurostat</i>  |
| 9:30  | Statistics - a Matter of Quality and Efficiency<br><i>Stefan Grüttner, Minister and Chief of the Hessian State Chancellery, Germany</i> |
| 10:00 | Quality Issues in the European Statistical System<br><i>Svante Öberg, Statistics Sweden</i>   |

10:30 - 11:00 **Coffee Break**

Gewölbessaal

Tuesday, 25 May 2004, 11.00 – 12.30

### Session 2: Invited DACSEIS Session

Großer Saal

*Chair: Chris Skinner, University of Southampton, United Kingdom*

- |       |  |
|-------|--|
| 11:05 | The DACSEIS Project, Greetings from the Co-ordinator<br><i>Ralf Münnich, University of Tübingen, Germany</i> |
| 11:10 | Technical and Organisational Design of POULPE<br><i>Jean-Claude Deville, CREST/ENSAI, France</i>             |
| 11:50 | Complex Auxiliary Information<br><i>Carl-Erik Särndal, University of Montreal, Canada</i>                    |

### Session 3: Metadata I

Spiegelsaal

*Chair: Clementina Ivan Ungureanu, National Institute of Statistics, Romania*

- 11:05 Metadata as a Tool for Enhancing Data Quality in a Statistical Agency  
*Alice Born, Statistics Canada*
- 11:20 Conceptual Metadata and Process Metadata: Key Elements to Measure Quality Components of the Statistical System  
*Max Booleman, Statistics Netherlands*
- 11:35 Quality and Metadata – Some Connections and Reflections  
*Eva Elvers, Statistics Sweden*
- 11:50 Quality and Metadata in Statistics Norway  
*Anne Gro Hustoft, Jenny Linnerud and Hans Viggo Sæbø, Statistics Norway*
- 12:05 Floor Discussion

#### Associated Papers

Metadata Description System in Polish Official Statistics as Attitude to Quality Improvement of Official Statistics  
*Irena Kwasna, Central Statistical Office, Republic of Poland*

- Poster  
1 Statistical Metadata - How far (or close) have we got  
*Jaakko Ranta, Statistics Finland*

**Session 4: Questionnaire Design and Testing I**

**Mozartsaal**

*Chair: Sharleen Forbes, Statistics New Zealand*

- 11:05 Development of Questionnaires - Current Practices of the Federal Statistical Office Germany (Destatis) and Perspectives  
*Hans Joachim Schwamb and Elmar Wein,  
Federal Statistical Office Germany*
- 11:20 How People Answer LFS Questions About Economic Inactivity - Main Findings from a Qualitative Study Exploring the Answers Given to Labour Force Survey Questions on Economic Inactivity.  
*Daniel Guinea-Martin and Peter Betts,  
Office for National Statistics, United Kingdom*
- 11:35 The Quality of a Quality Control Instrument: Quality Aspects of Questionnaire Pretesting  
*Dirkjan Beukenhorst, Statistics Netherlands*
- 11:50 Coding Analysis of Cognitive Interviews: Benefits and Drawbacks  
*Kristen Miller, Beth Canfield and Lisa Moses  
National Center for Health Statistics, U.S.A.*
- 12:05 Floor Discussion

## Session 5: Administrative Data

Museum

*Chair: Peter Lohauß, Statistical Office of Berlin, Germany*

- 11:05 Quality Control and Quality Assurance for Administrative Data of Federal States and Communities by Official Statistics  
*Winfried Gruber, Statistical Office of Baden-Württemberg, Germany*
- 11:20 Quality Measurement of the Norwegian Labour Force Register  
*Aslaug Hurlen Foss, Statistics Norway*
- 11:35 Quality Measurement of a Register for Structural Business Survey: Application to Ukrainian Data  
*Michel Grun-Réhomme, University Paris 2, France and  
Olga A. Vasechko, Research Institute of Statistics, Ukraine*
- 11:50 Data Takeover for Statistical Purposes From Administrative Sources in Serbia Need to Provide the Quality  
*Srdjan Stefanovic, Republic Statistical Office of Serbia*
- 12:05 Floor Discussion

### Associated Papers

A Study to Analyse Possibilities to Establish a Detailed Fisheries Employment Statistics on the Basis of Existing Statistics and Registers  
*Anssi Ahvonen et al., Finnish Game and Fisheries Research Institute, Finland*

Reducing Response Burden while Collecting Environmental Data for Statistical and Administrative Purposes  
*Bernd Becker, Federal Statistical Office Germany*

Measuring the Quality of the Economic Activity Code in the Italian SBR  
*Livia Calabrese and Monica Consalvi, ISTAT, Italy*

Poster 2 Quality Assessment of Structural Business Statistics Preliminary Estimates  
*Salvatore Filiberti and Mariagrazia Rinaldi, ISTAT, Italy*

Poster 3 Improving the surveys on internal and international migrations and on foreign population  
*Domenico Gabrielli, ISTAT, Italy*

**Associated Papers (Session 5 continued)**

Poster 4 The Survey on Italian Population Resident Abroad  
*Angela Silvestrini and G. Cariani, ISTAT, Italy*

Poster 5 The New Data Collection System on Population Statistics  
*Angela Silvestrini, R. Bartoli, F. Tarantola and M. Venturi, ISTAT, Italy*

Automatic Evaluation Procedures for Elementary Administrative Data. The Case of Missing Values and Outliers in Non Pension Cash Benefits Archives  
*Vincenzo Spinelli and Massimiliano Tancioni, ISTAT, Italy*

**Session 6: Survey and Census Design I**

**Forstersaal**

*Chair: Irena Krizman, National Statistical Office, Slovenia*

- 11:05 Improving Timeliness and Quality in Short-term Statistics: An Application to Italian Building Permits  
*G. Alleva, University of Rome "La Sapienza", Italy*  
*Fabio Bacchini, P.D Falorsi and. R. Iannaccone, ISTAT, Italy*
- 11:20 Optimizing Stratified Random Samples with Multiple Objectives  
*Volker Bosch and Raimund Wildner, GfK AG, Germany*
- 11:35 An Incremental 2-Stage Sampling Plan for a Flemish Hepatitis Prevalence Study: Accumulation of Respondents over Successive Waves  
*Peter Slock, Camille Vanderhoeft, Statistics Belgium and*  
*Sophie Quoilin, Scientific Institute of Public Health, Belgium*
- 11:50 Use of Tax Data for Sample Design Under Confidentiality Restrictions  
*Juana Porras and Jorge Saralegui-Gil, INE, Spain*
- 12:05 Floor Discussion

**Associated Papers (Session 6)**

Improving Quality by Integrating Statistical Surveys with Administrative Surveys: Industry and Services Census in Italy

*Corrado Abbate, ISTAT, Italy*

The Quality of Official Mortality Statistics in Tunisia

*Sofiane Bouhdiba, University of Tunis, Tunisia*

The Statistical Units and the Quality of Business Statistics

*Lise Dervieux, INSEE, France*

Dual-System Estimation of Census Under-Coverage in Presence of Record Linkage Errors, *Marco Fortini, ISTAT, Italy*

Poster 6 Integrating the 2001 Population Census and Post-Enumeration Survey Data: The Italian Experience

*Alessandra Nuccitelli, ISTAT, Italy*

Poster 7 Evaluation of the Survey Swedish National and International Road Goods Transport, *Per Anders Paulson and Johan Eriksson, Statistics Sweden*

**Session 7: Quality Assessment**

**Leibnizsaal**

*Chair: Willem de Vries, UN Statistics Division*

11:05 Using Self Assessments for Data Quality Management – DESAP Experiences

*Johanna Laiho, Statistics Finland and  
Anja Nimmergut, Federal Statistical Office Germany*

11:20 Self-Assessments in Total Quality Management – A Diagnosis Tool for the Organisational Development at the Federal Statistical Office

*Sebastian Czajka, Federal Statistical Office Germany*

11:35 Self Evaluation Form as a Tool for Continuous Quality Improvement Work at OECD

*Lars Thygesen, OECD*

11:50 Quality Audits at Statistics Sweden

*Gunlög Eiderbrant-Nilsson, Statistics Sweden*

12:05 Floor Discussion

**Session 8:**

**Backstage**

**Presenting Statistical Data**

*Chair: Len Cook, Office for National Statistics, United Kingdom*

- 11:05 On Communicating Quality of Sample Estimates in Media Releases  
*Beat Hulliger, Swiss Federal Statistical Office*
- 11:20 Customer-Driven Data Suppression Decisions  
*Rich Allen, National Agricultural Statistics Service , U.S.A.*
- 11:35 A Brave New World  
*Sónia Patrícia F. C. B. Quaresma Gonçalves,  
National Statistical Institute, Portugal*
- 11:50 Disclosing Semantics in Statistical Data Using Topic Maps Technology  
*Dagmara Wilschut, Statistics Netherlands*
- 12:05 Using Portal Technology to Improve Quality at the U.S. Census Bureau-  
Presentation and Demonstration of Portal Technology  
*Cheryl Landman and Deborah Stempowski, U.S. Census Bureau*
- 12:20 Floor Discussion

**Associated Papers**

Interactive Visualisation and Publication for Official Statistics  
*Hans-Joachim Mittag, Eurostat*

12:30 - 14:00 **Luncheon**

**Gewölbesaal**

Tuesday, 25 May 2004, 14.00 – 14.45

**Session 9: Key Note Address (plenary)**

**Großer Saal**

*Chair: Enrico Giovannini, OECD*

- 14:00 Statistics in an Age of Information Overload  
*Norman Bradburn, National Science Foundation and University of Chicago, U.S.A.*

Tuesday, 25 May 2004, 15.00 – 16.30

**Session 10:**

**Leibnizsaal**

**Variance Estimation in the Presence of Imputation (DACSEIS I)**

*Chair: Anthony Davison, Swiss Federal Institute of Technology Lausanne*

- 15:05 Presentation of the Swiss Household Budget Survey (HBS) in DACSEIS: A Focus on Nonresponse  
*Jean-Pierre Renfer and Ueli Oetliker, Swiss Federal Statistical Office*
- 15:20 Resampling-Based Variance Estimation in DACSEIS with Application to the Swiss Household Budget Survey  
*Sylvain Sardy and Anthony Davison, Swiss Federal Institute of Technology Lausanne*
- 15:35 Variance Estimation under Multiple Imputation  
*Susanne Rässler, University of Erlangen-Nürnberg, Germany*  
*Ralf Münnich, University of Tübingen, Germany*
- 15:50 Non-Bayesian Multiple Imputation  
*Jan Bjørnstad, Statistics Norway*
- 16:05 Floor Discussion

**Session 11: Metadata II**

**Spiegelsaal**

*Chair: Thomas Burg, Statistics Austria*

- 15:05 Standardising, Evaluating and Documenting Quality: The Implementation of ISTAT Information System for Survey Documentation – SIDI  
*Giovanna Brancato, Concetta Pellegrini, Marina Signore and Giorgia Simeoni, ISTAT, Italy*
- 15:20 Metadata and Survey Documentation – Portuguese NSI Experience  
*Isabel Morgado, National Statistical Institute, Portugal*
- 15:35 Managing Statistical Metadata at OECD  
*Russell Penlington, OECD*
- 15:50 Study Documentation in Cross-National Surveys  
*Peter Ph. Mohler, ZUMA, Germany and Beth-Ellen Pennell, University of Michigan, U.S.A.*
- 16:05 Floor Discussion

**Associated Papers**

Metadata Common Vocabulary: An SDMX Standard for the Exchange of Statistical Information

*Marco Pellegrino, Eurostat*

Ontological Ambiguity of Statistical Metadata as a Restrictive Framework for Improving Quality in Statistics

*Heikki Rouhuvirta, Statistics Finland*

**Session 12:  
Questionnaire Design and Testing II**

**Backstage**

*Chair: Frank Nolan, Office for National Statistics, U.K.*

- 15:05 What's Behind an Answer?  
*Ing-Mari Boynton, Statistics Sweden*
- 15:20 The Development of Quality Indicators for Establishment Questionnaires Using  
Process and Survey Data  
*Deirdre Giesen, Statistics Netherlands*
- 15:35 VISICAI - A Tool for Improving the Quality of Computer Based Questionnaires  
*Thomas Bachmann, Infratest, Germany*
- 15:50 Advantages in Terms of Quality of the In-House Strategy for CATI Surveys  
*Stefania Macchia and Manuela Murgia, ISTAT, Italy*
- 16:05 Floor Discussion

**Associated Papers**

- Poster 8 A Comparison of CAPI and PAPI in a Nationally Representative Danish Health  
Survey  
*Ola Ekholm, U. Hesse, J. Nørlev, M. Davidsen, National Institute of Public  
Health, Denmark*

Changing from PAPI to CAPI: A Longitudinal Study Dealing with Mode-Effects in  
the German Socio-Economic Panel (SOEP) Using an Experimental Design  
*Jörg-Peter Schräpler, Jürgen Schupp and Gert G. Wagner, DIW Berlin, Germany*

**Session 13: Data Processing I (Capture&Coding)**

**Museum**

*Chair: Mats Bergdahl, Statistics Sweden*

- 15:05 Generalized Quality Control Approach for ICR Data Capture in Statistics  
Canada's Centralized Operations  
*Walter Mudryk and Hansheng Xie, Statistics Canada*
- 15:20 Computer Assisted Coding by Interviewers  
*John Michiels and Wim Hacking, Statistics Netherlands*
- 15:35 The French Inter-Enterprise Relations Survey  
*Olivier Haag and Emmanuel Raulin, Ministry of Industry, France*
- 15:50 Simultaneous Detection of Outliers in Business Statistics in the Hungarian  
Central Statistical Office  
*Zoltán Csereháti, Hungarian Central Statistical Office*
- 16:05 Floor Discussion

**Associated Papers**

- Poster  
9 An Alternative Approach for the Implementation of Data Editing: The  
INSPECTOR Project  
*Gregory Farmakis et al., Liaison Systems SA, Greece*
- Population and Housing Censuses Data Processing: 2001 Italian Experience  
and Future Prospects  
*Angela Ferruzza and D. Zindato, ISTAT, Italy*
- Interviewer Effect and Data Checking  
*Alessandra Federici, Agostina Loconte, Alessandro Martini,  
Manuela Michelini and Giovanna Tagliacozzo, ISTAT, Italy*
- The Automatic Coding Process in the 2001 Italian General Population Census:  
Efficacy and Quality  
*S. Macchia and S. Mastroluca, ISTAT, Italy*

**Session 14: Improving Surveys**

**Forstersaal**

*Chair: David Marker, Westat, U.S.A.*

- 15:05 Social Changes and Social Surveys Techniques: New Strategies and Challenges for the Italian Statistical Institute  
*Linda Laura Sabbadini, ISTAT, Italy*
- 15:20 Reducing Nonresponse, Enhancing Flexibility, Improving Quality in Household Surveys. The New Access Panel in the German Statistical System  
*Anja Nimmergut and Thomas Körner, Federal Statistical Office Germany*
- 15:35 Nonresponse and Double Sampling  
*Ineke Stoop, Social and Cultural Planning Office (SCP), The Netherlands*
- 15:50 Improving the Accuracy of Regional Extensions of National Household Surveys Using Additional Sampling  
*Marc Christine and Laurent Wilms, INSEE, France*
- 16:05 Floor Discussion

**Associated Papers**

Improving the Quality of ISTAT Consumer Price Index: The Case of the "Centralised Surveys" on Prices

*Carlo De Gregorio, Stefania Fatello, Stefano Mosca and Francesca Rosetti, ISTAT, Italy*

Resources vs Coverage - How to Minimize One and Maximize the Other: A Case Study from an Education Survey

*Nancy R. Johnson, Meagan M. Wilson, Karen D. Deaver, U.S. Census Bureau and Stephen P. Broughman, National Center for Education Statistics, U.S.A.*

Creation of a Neuron Net for Sample Household Surveys in Urban and Rural Areas

*Saleh Movlamov, State Statistical Committee of Azerbaijan Republic*

## Session 15: Quality Components

Mozartsaal

*Chair: Lucie Laliberté, IMF*

- 15:05 Value as a Component of Quality  
*Carol C., National Agricultural Statistics Service, U.S.A.*
- 15:20 The Concept of "Accuracy" in the Imputation Process  
*Carsten Kuchler, Federal Statistical Office, Germany and  
Martin Spieß, German Institute for Economic Research (DIW Berlin), Germany*
- 15:35 Use of Proximity Data for the Assessment of Geographical Comparability  
*Håkan Lindén, Eurostat, Michalis Petrakos and Photis Stavropoulos, Liaison  
Systems, Greece,*
- 15:50 The Impact of the Auxiliary Information in the Estimation of Unemployment  
Rate at Sub-Regional Level: Further Investigations on the Italian Results in the  
EURAREA Project  
*Michele D'Alò et al., ISTAT, Italy*
- 16:05 Floor Discussion

### Associated Papers

Outlier Detection in Ukrainian Business Statistics

*Michel Grun-Réhomme, Université Paris 2, France and  
Olga A. Vasechko, Research Institute of Statistics Ukraine*

Comparing Demographic Variables Across Nations: The Way from Concept to  
Indicator

*Jürgen H.P. Hoffmeyer-Zlotnik, ZUMA, Germany*

- Poster Problems of Data Reliability of Sample Surveys of Population Economic  
10 Activity in Ukraine  
*Volodymyr Sarioglo, Research Institute of Statistics, Ukraine*

**Session 16: Corporate Quality Programmes II**

**Großer Saal**

*Chair: Werner Münzenmaier, Baden-Württemberg Ministry of Finance, Germany*

- 15:05 Quality Management in Official Statistics in Switzerland since Stockholm 2001  
*Markus Braun and Chantal Donzé, Swiss Federal Statistical Office*
- 15:20 Implementation of Quality Programs at the National Statistical Institute of Spain: Some Progress in Improving Relationships with Reporting Industrial Enterprises  
*Carmen Arribas and Pedro Revilla, National Statistical Institute of Spain*
- 15:35 Quality in Romanian Official Statistics  
*Clementina Ivan Ungureanu, Ilie Dumitrescu, Daniela Stefanescu and Sandica Neagu, National Statistical Institute, Romania*
- 15:50 Quality Aspects in the Polish Official Statistics  
*Agnieska Prochot and Ewa Walburg, Central Statistical Office, Poland*
- 16:05 Floor Discussion

**Associated Papers**

Implementation of Quality Management Model – Case of Serbian Statistics  
*Predrag Jovanovic and Zoran Davidovic, Republic Statistical Office of Serbia*

Quality of Statistical System in Serbia – Diagnosis and Recommendations for Betterment  
*Predrag Jovanovic, Republic Statistical Office of Serbia*

Quality Management in the Family Income and Expenditure (FIES) of Japan  
*Katsutoshi Nagashima, Statistics Bureau of Japan*

16:30 - 17:00 **Coffee Break &  
Poster Presentations**

**Gewölbesaal  
Ausstellungssaal**

Tuesday, 25 May 2004, 17.00 – 18.30

**Session 17:**

**Großer Saal**

**Plenary Invited Session “Official Statistics – The User Perspective”**

*Chair: Carol Carson, IMF*

- |       |   |
|-------|---|
| 17:05 | Challenges for Statistics to Support Policy Coordination and Evaluation in an Enlarged Union<br><i>Georg Fischer, European Commission, DG Employment and Social Affairs</i> |
| 17:40 | Official Statistics and Empirical Economic Research – Potential and Limitations<br><i>Christoph M. Schmidt, RWI Essen, Germany</i>  |
| 18:15 | Questions from the audience   |

Wednesday, 26 May 2004, 8.30 – 9.00

**Special Session**

**Forstersaal**

**Early Bird Invited Session on Multiple Imputation**

*Chair: John Kovar, Statistics Canada*

- 8:35 Valid Survey Inference via Imputation Requires Multiple Imputation  
*Donald B. Rubin, Harvard University, U.S.A.*

Wednesday, 26 May 2004, 9.00 – 10.30

**Session 18:**

**Mozartsaal**

**Further Topics on Variance Estimation (DACSEIS II)**

*Chair: Ralf Münnich, University of Tübingen, Germany*

- 9:05 Variance Estimators for Change: An Evaluation Based on the 2000 Finish Labour Force Survey  
*Yves Berger, University of Southampton, United Kingdom*
- 9:20 On Combining Registers and Surveys: Repeated Weighting Estimation  
*Harm-Jan Boonstra, J.A. van den Brakel, Paul Knottnerus, Nico Nieuwenbroek and R.H. Renssen, Statistics Netherlands*
- 9:35 Small Area Estimation Problems in DACSEIS  
*Kaja Sostra, Statistics Finland, Kersten Magg and Ralf Münnich, University of Tübingen, Germany*
- 9:50 Software Evaluation with DACSEIS Data Sets  
*Seppo Laaksonen and Pauli Ollila, Statistics Finland*
- 10:05 Floor Discussion

**Session 19: Quality Indicators I**

**Forstersaal**

*Chair: Michael Colledge, Australian Bureau of Statistics*

- 9:05 Standard Quality Indicators  
*Håkan Lindén et al., Eurostat*
- 9:20 Continuous Measurement of Quality in the American Community Survey  
*Deborah H.Griffin, U.S. Census Bureau*
- 9:35 Quality Profile for Structural Indicators  
*Martina Hahn, Eurostat*
- 9:50 Indicators to Define a Territorial Quality Profile for the Italian Consumer Price Survey  
*Cristina Cecconi, Federico Polidoro and Rosabel Ricci, ISTAT, Italy*
- 10:05 Floor Discussion

**Associated Papers**

- Poster 11 Quality in Territorial Statistics: An Experience of ISTAT Regional Office for Sicily  
*F. Abate, A., Militello and A. P. M. Mirto, ISTAT, Italy*
- Implicit Quality Indices for the Italian Consumer Price Survey  
*Cristina Cecconi, Ersilia Di Pietro and Rosabel Ricci, ISTAT, Italy*
- An Evaluation of Quality Indicators for two Establishment Surveys  
*H. Witvliet, Statistics Netherlands*

## Session 20: Non-Response Studies

Spiegelsaal

*Chair: Peter Mohler, ZUMA, Germany*

- 9:05 Exploring Survey Nonresponse in the UK: The Census-Survey Nonresponse Link Study  
*Roeland Beerten and Stephanie Freeth, Office for National Statistics, United Kingdom*
- 9:20 Analysing Unit Nonresponse Using Matched Census-Survey Records Experiences from the Hungarian Labour Force Survey  
*Gergely Fraller, Erika György and Roland Horváth, Hungarian Central Statistical Office*
- 9:35 Reducing Item Nonresponse: An Experiment to Assess Sample and Questionnaire Design Effects  
*J.W.S Kappelhof, Social and Cultural Planning Office, The Netherlands*
- 9:50 The Impact of Questionnaire Design on Item-Nonresponse Concerning Income Data  
*Ulrike Timm, Federal Statistical Office Germany*
- 10:05 Floor Discussion

### Associated Papers

- Poster 12 Analysis of Non-Response in a Regional Survey on the Willingness to Pay for Public or Private Long-Term Coverage  
*Daniela Cocchi, Enrico Fabrizi and Carlo Trivisano, University of Bologna, Italy*
- Research Into the Response Process in Establishment Surveys: A Pilot Study  
*Tony Hak, Erasmus University Rotterdam, The Netherlands and Martin Van Sebille, Statistics Netherlands*
- Data Analysis of Recreational Fishing Survey in Finland: Do Non-Respondents go Fishing?  
*Pentti Moilanen and Anssi Ahvonen, Finnish Game and Fisheries Institute*
- Income-Nonresponse in Household Surveys – An International Comparison Using the SOEP and the BHPS  
*Jörg-Peter Schräpler, Ruhr-University Bochum, Germany*

**Session 21:**

**Museum**

**Data Processing II (Editing & Imputation)  
Session in Honour of John Charlton**

*Chair: Svein Nordbotten, Svein Nordbotten and Associates, Norway*

- 9:05 Automatic Edit and Imputation for Business Surveys  
*Ton de Waal, Statistics Netherlands*
- 9:20 Improvement of Data Editing Processes  
*Elmar Wein, Federal Statistical Office Germany*
- 9:35 Comparing Model-Based and Traditional Methods to Deal with Systematic  
Unity Measure Errors  
*Marco Di Zio, Ugo Guarnera and Orietta Luzi, ISTAT, Italy*
- 9:50 Imputation and Improvement of the Quality of Provisional Figures  
*Christian Harhoff, Statistics Denmark*
- 10:05 Floor Discussion

**Associated Papers**

- Poster  
13 Statistical Editing and Imputation for Social Data  
*Frank van den Eijkhof, Utrecht University, The Netherlands*
- Assessing Editing and Imputation Effects on Statistical Survey Data  
*Giorgio Della Rocca, Marco Di Zio and Orietta Luzi, ISTAT, Italy*
- Quality Control System for the Editing and Imputation of the 2001 Italian  
Population Census Data  
*Fernanda Panizon, ISTAT, Italy*
- Imputation of Economic Data under Several Linear Restrictions  
*Caren Tempelman, Statistics Netherlands*

**Session 22: Fieldwork**

**Backstage**

*Chair: Denise Lievesly, UNESCO*

- 9:05 Setting the Standard for Quality Control in the United States Decennial Census  
*Jennifer W. Reichert and Rodrick J. Marquette, U.S. Census Bureau*
- 9:20 Quality Information at a Territorial Level: Towards an Integrated Approach  
*Marco Ricci, ISTAT, Italy*
- 9:35 Monitoring and Evaluating Fieldwork Efforts in the European Social Survey  
*Michel Philippens and Jaak Billiet, Catholic University of Leuven, Belgium*
- 9:50 Characteristics and Identification of Faked Interviews in Surveys - An Analysis by Means of Genuine Fakes in the SOEP Survey  
*by Joerg-Peter Schraepler, Ruhr University Bochum and DIW Berlin, Germany and Gert G. Wagner, DIW Berlin and Berlin University of Technology (TUB), Germany*
- 10:05 Floor Discussion

**Associated Papers**

- Preparation of an EU Training Package on Certification of Causes of Death  
*Monica Pace, Silvia Bruzzone, Stefano Marchetti, Francesco Grippo, Simona Cinque, Gennaro di Fraia, Marilena Pappagallo, Simona Pennazza, Giuseppe Sindoni, Luisa Frova, National Institute of Statistics, ISTAT, Italy*
- Poster 14 New Methods for Measuring Quality Indicators of ISTAT's New CAPI/CATI Labour Force Survey  
*G. Giuliani, M. G. Grassia, L. Quattrociochi and R. Ranaldi, ISTAT, Italy*
- Poster 15 The Electronic Questionnaire in ISTAT's New CAPI/CATI Labour Force Survey  
*M. G. Grassia, F. Pintaldi and L. Quattrociochi, ISTAT, Italy*

**Session 23: Weighting and Calibration**

**Leibnizsaal**

*Chair: Carl-Erik Särndal, University of Montreal, Canada*

- 9:05 Non-Response Adjustment of Household Surveys  
*Jelke Bethlehem and Bary Schouten, Statistics Netherlands*
- 9:20 Participation in CATI Surveys: Traditional Nonresponse Adjustments Versus Propensity Score Matching in Reducing the Nonresponse Bias  
*Emilia Rocco, Nicola Salvati, University of Florence, Italy and Monica Pratesi, University of Pisa, Italy*
- 9:35 Mixed Mode Survey as a Means of Improving Response: Lessons from the Panel of Ex-Participants in French Employment Policy Targeted Programs  
*Karl Even, French Ministry of Labour*
- 9:50 On Adjustment for Coverage Problems in Short-Term Business Surveys  
*Annika Lindblom and Lennart Nordberg, Statistics Sweden*
- 10:05 Floor Discussion

**Associated Papers**

- Poster 16 Improving Timeliness of Short-Term Business Statistics through State-Space Modelling of Preliminary Survey Data  
*A. Lamberti, A. Naccarato and A. Pallara, ISTAT, Italy*
- Poster 17 Composite Estimators for the Labour Force Survey  
*Francesca Inglese and Monica Russo, ISTAT, Italy*
- Poster 18 How to Make Representative Samples – Microdata Calibration by the Minimum Information Loss Principle: Concept and Practice by the ADJUST Computer Program  
*Joachim Merz and Henning Stolze, University of Lüneburg, Germany*
- On Calibration Estimators of a Finite Population Variance  
*Parimal Mukhopadhyay, University of Qatar*
- Poster 19 Nonresponse in Multi-Phase Survey  
*Paavo Väisänen, Statistics Finland*

## Session 24: Improving Processes

Großer Saal

*Chair: Carmen Arribas, National Statistical Institute, Spain*

- 9:05 Improving Efficiency and Process Quality - Statistics Austria's Experience  
*Peter Findl, Statistics Austria*
- 9:20 Developing a Handbook on Improving Quality by Analysis of Process Variables  
*Nia Jones, Welsh Assembly Government, United Kingdom and  
Daniel Lewis, Office for National Statistics, United Kingdom*
- 9:35 Using Real-Time Process Measures to Improve Data Collection  
*David A. Marker, Westat, U.S.A.*
- 9:50 Benchmarking and Quality Management Processes Relating to the  
Production of Consumer Price Indices: The UK Experience  
*David Fenwick, Office for National Statistics, United Kingdom*
- 10:05 Floor Discussion

### Associated Papers

- Poster 20 How the U.S. Census Bureau Uses the Capability Maturity Model as a  
Roadmap to Process Improvement  
*John M. Bushery, U.S. Census Bureau*

Reorganising the Process of Producing Data to Improve the Quality of the  
Surveys: The Work and Study Experiences of Upper Secondary School  
Graduates Survey  
*Andrea Cutillo, Simona Pace, Valentino Parisi and Fabio Massimo Rottino,  
ISTAT, Italy*

Development of a Handbook for Quality Management Under a Decentralized  
National Statistical System in Korea  
*Sulhee Kim, National Statistical Office, Korea*

Managing Data Quality Through Effective Quality Assurance Project Plans  
*John Warren, U.S. Environmental Protection Agency*

10:30 - 11:00 **Coffee Break &  
Poster Presentations**

**Gewölbesaal  
Ausstellungssaal**

Wednesday, 26 May 2004, 11.00 – 12.30

**Session 25: Variance Estimation**

**Forstersaal**

*Chair: Claes Andersson, Statistics Sweden*

- 11:05 Predicting and Monitoring Design Effects: A Tool for Survey Quality Improvement  
*Peter Lynn, University of Essex, United Kingdom,  
Siegfried Gabler and Sabine Häder, ZUMA, Germany*
- 11:20 Variance Estimation in the French "Labour Forces Survey"  
*Pascal Ardilly and Guillaume Osier, INSEE, France*
- 11:35 Variance Estimation for Household Surveys with Different Level Variables  
*Ariane Neethling, University of Stellenbosch, South Africa*
- 11:50 Implementing Linearisation Variance Estimation: An Application to the French "Taxable Income Survey"  
*Fabien Dell et al., INSEE, France*
- 12:05 Floor Discussion

**Associated Papers**

Generalized Variance Function: Theory and Empirics  
*A. Pavone, ISTAT, Italy*

## Session 26: Quality Indicators II

Mozartsaal

*Chair: Raoul Depoutot, INSEE, France*

- 11:05 The Prototype of the Quality Indicators System at the Brazilian Institute of Geography and Statistics  
*Zélia Magalhães Bianchini and Sonia Albieri, National Institute for Geography and Statistics (IBGE), Brazil*
- 11:20 Effective Use of Data Quality Indicators  
*John Warren, U.S. Environmental Protection Agency, U.S.A.*
- 11:35 Quality Measures for Economic Indicators  
*Jean-Marc Museux, Gian-Luigi Mazzi and Giovani Savio, Eurostat*
- 11:50 Measurement of Data Quality in the Case of Short Term Statistics  
*Rudi Seljak and Metka Zaletel, Statistical Office of the Republic of Slovenia*
- 12:05 Floor Discussion

### Associated Papers

A Set of Quality Indicators About the Domestic Output Price Survey  
*Valerio De Santis and Maria Moscufo, ISTAT, Italy*

## Session 27: Non-Sampling Errors I

Leibnizsaal

*Chair: Paul Biemer, RTI International, U.S.A.*

- 11:05 Measuring Micro-Level Measurement Error  
*Clyde Tucker, U.S. Bureau of Labor Statistics*
- 11:20 Quality at the Item Level: Decomposing Item and Concept Response Rates  
*by James M. Dahlhamer, National Center for Health Statistics, U.S.A., Deborah Griffin, U.S. Census Bureau et al.*
- 11:35 Response Error Estimation in Presence of Record Linkage Errors: The Case of the Italian Population Census  
*Giovanna Brancato, M. D'Orazio and M. Fortini, ISTAT, Italy*
- 11:50 Mail Surveys in Different National Contexts  
*Sabine Klein, ZUMA, Germany*
- 12:05 Floor Discussion

**Associated Papers (Session 27)**

Measuring Response Errors in Censuses and Surveys Through Reinterview Data Having a Different Measurement Error Variance

*Antonia Boggia, Piero Demetrio Falorsi, Alessandro Pallara ISTAT, Italy and Aldo Russo, Università Roma Tre, Italy*

Seasonal Differences in a Danish Health Interview Survey

*Michael Davidsen, Ola Ekholm and Mette Kjølner, National Institute of Public Health, Denmark*

Evaluating Interviewer Effect on Istat Victimization Survey Using Multilevel Models

*Isabella Corazziari, Maria Giuseppina Muratore and Giorgia Simeoni, ISTAT, Italy*

Poster 21 Applying Methods of Record Linkage for Census Validation in the Basque Statistics Office

*Leire Legarreta Antuñano and Marina Ayestarán Arregi, Basque Statistics Office, Spain*

Poster 22 Multivariate Models for Estimating Coverage Error in the Italian 5° Census of Agriculture

*Matteo Mazziotta and Monica Russo, ISTAT, Italy*

Some Aspects Related to Quality in the Post Enumeration Survey of the Italian Census of Population 2001

*Giancarlo Carbonetti and Nadia Mignolli, ISTAT, Italy*

How the Under-Reporting Affects the Income Data From a Household Survey

*Claudio Quintano, Rosalia Castellano and Andrea Regoli, University of Naples, Italy*

**Session 28: Confidentiality I**

**Spiegelsaal**

*Chair: Luisa Franconi, ISTAT, Italy*

- 11:05 Resolving Confidentiality and Data Quality Issues for Tabular Data  
*Lawrence H.Cox, National Center for Health Statistics, U.S.A.*
- 11:20 Statistical Disclosure Control vs Data Quality: Getting the Balance Right  
*Ole Black and Marta Haworth, Office for National Statistics, United Kingdom*
- 11:35 Do Disclosure Controls to Protect Confidentiality Degrade the Quality of the Data?:  
United States Data from the 1999 Trends in Mathematics and Science Study  
*Marilyn Seastrom, Steve Kaufman, Patrick Gonzales, National Center for Education Statistics, U.S.A. and Shep Roey, Westat, U.S.A.*
- 11:50 Simulation of a Database Cross Match – as Applied to the German Structure of Costs Survey  
*Rainer Lenz, Daniel Vorgrimler, Federal Statistical Office Germany and Thorsten Doherr, Centre for European Economic Research, Germany*
- 12:05 Floor Discussion

**Associated Papers**

The Normative Framework for Maximizing Third-Party Access to Statistical Information while Ensuring Confidentiality: The Experience of a Small and Young Statistical Agency  
*Louise Bourque, Statistical Institute of Québec, Canada*

## Session 29: Computer Assisted Surveys

Backstage

*Chair: Jelke Bethlehem, Statistics Netherlands*

- 11:05 New Strategies to Improve Quality of ISTAT new CAPI/CATI Labour Force Survey  
*S. Bergamasco, S. Gazzelloni, L. Quattrociocchi  
R. Ranaldi and A. Toma, ISTAT, Italy*
- 11:20 Quality Indicators for Data Collection via Computer Assisted Personal Interviewing  
*C.A.M. van Berkel, J.A. van den Brakel and M. Vosmer, Statistics Netherlands*
- 11:35 Catalysts for Change: The Rationale for Mixed Mode Data Collection in the UK  
*Jacqui Jones, Helen Borgerson, Gill Williams, Linda Scott  
and Jennet Woolford, Office for National Statistics, United Kingdom*
- 11:50 The New Survey on Producer Prices on Non-Domestic Market: A Mixed Mode Data Collection  
*Valerio De Santis and Tiziana Iacobacci, ISTAT, Italy*
- 12:05 Floor Discussion

### Associated Papers

An Experience of Internet Data Collection for a National Survey on Graduates  
*Francesca Brait, Maria Pia Sorvillo and Marina Venturi, ISTAT, Italy*

**Session 30: Quality of National Accounts**

**Museum**

*Chair: José Mata, National Statistical Institute, Portugal*

- 11:05 The Reliability of Quarterly General Government Data Compiled in the Frame of National Accounts  
*Albert Braakmann, Federal Statistical Office Germany*
- 11:20 How to Judge the Reliability of the Dutch Provisional National Account  
*Remko Hijman, Henk Nijmeijer and Brugt Kazemier, Statistics Netherlands*
- 11:35 Positive Effects of Measuring Revisions in Balance of Payments Statistics  
*Jean-Marc Israël, Carmen Picon-Aguilar and Violetta Damia, European Central Bank*
- 11:50 Measuring the Quality of Balance of Payments Statistics  
*Sabine Guschwa, Deutsche Bundesbank, Germany*
- 12:05 Floor Discussion

**Associated Papers**

Fiscal Data as a Tool for Improving Information Quality in the Trade Satellite Account

*Silvia Biffignandi, University of Bergamo, Italy and Stefano Pisani, Agenzia delle Entrate, Italy*

- Poster  
27 Consistent Micro Data for Efficient Compilation of Quarterly and Annual National Accounts  
*Karl-Gustav Hansson, Statistics Sweden*

Ensuring High Quality Financial Markets Statistics: A Methodological Framework

*Francesco Mandalá, European Central Bank*

- Poster  
28 Revisions of National Accounts 1980-1998. Swedish Expenditure Accounts and GDP in Some Countries  
*Lars-Erik Öller, Stockholm University and Karl-Gustav Hansson, Statistics Sweden*

Modelling the Construction of a Social Accounting Matrix in the Context of Statistical Matching

*Marcello D'Orazio, Marco Di Zio and Mauro Scanu, ISTAT, Italy*

**Session 31: Corporate Quality Programmes I**

**Großer Saal**

*Chair: Heli Jeskanen-Sundström, Statistics Finland*

- 11:05 Quality Management at Statistics Sweden: History, Current Work and the Future  
*Mats Bergdahl and Lars Lyberg, Statistics Sweden*
- 11:20 Data Quality in the Context of International Organisations: OECD Experience in the Implementation of a Corporate Quality Framework  
*Enrico Giovannini and Denis Ward, OECD*
- 11:35 Restructuring the Office for National Statistics to Improve Quality  
*Frank Nolan, Office for National Statistics, United Kingdom*
- 11:50 The Role of Information Technology and Quality in Statistics: A New Approach and Perspectives at ISTAT  
*Vittoria Buratta, ISTAT, Italy*
- 12:05 Floor Discussion

12:30 - 14:00 **Luncheon**

**Gewölbesaal**

Wednesday, 26 May 2004, 14.00 – 15.30

**Session 32: Small Area Estimation**

**Großer Saal**

*Chair: Marta Haworth, Office for National Statistics, United Kingdom*

- 14:05 Evidence-Based Guidance on the Applicability of Small Area Estimation Techniques  
*Patrick Heady, Office for National Statistics, United Kingdom*
- 14:20 Some Aspects of Small Area Statistics and Data Quality  
*Jan Kordos, Central Statistical Office, Poland*
- 14:35 Does the Model Matter? A Comparison of the Accuracy of Model-Assisted and Model-Dependent Estimators of Domain Totals  
*Risto Lehtonen, University of Jyväskylä, Finland, Carl-Erik Särndal, University of Montreal, Canada and Ari Veijanen, Statistics Finland*
- 14:50 Small Area Estimation in the Israel Labour Force Survey  
*Natalie Shlomo, Central Bureau of Statistics, Israel*
- 15:05 Floor Discussion

**Associated Papers**

Estimating Accurate Weights of Consumer Price Indexes for Small Reference Populations

*Rosa Bernardini Papalia, University of Perugia, Italy*

Local Area Macroeconomic Aggregates Estimation

*Alessandro Faramondi et al., ISTAT, Italy*

Population Statistics and Re-Estimations of Old Age Populations

*D.A. Jdanov, Rembrandt Scholz and V.M. Shkolnikov, Max Planck Institute for Demographic Research, Germany*

**Session 33: Quality Reporting**

**Mozartsaal**

*Chair: Hans Viggo Sæbø, Statistics Norway*

14:05 Quality Reporting and Quality Indicators in International Trade Statistics  
*Veronica Corsini, Eurostat*

14:20 Quality Report Template for the CBS of Croatia  
*Lidija Gligorova, Mladen Krulik and Marinela Kustura, Central Bureau of Statistics, Croatia*

14:35 The Quality Assurance Committee at Statistics Austria  
*Peter Hackl, Economics University of Wien, Austria*

14:50 Taking Into Account Quality in the French Business Surveys  
*Philippe Brion, INSEE, France*

15:05 Floor Discussion

**Associated Papers**

Quality Reports at Statistics Austria  
*Thomas Burg, Statistics Austria*

**Session 34: Non-Sampling Errors II**

**Spiegelsaal**

*Chair: Peter Lynn, University of Essex, United Kingdom*

- 14:05 A Test of the Item Count Methodology for Estimating Cocaine Use  
*Paul Biemer, RTI International, U.S.A. and Douglas Wright, U.S. Substance Abuse and Mental Health Agency*
- 14:20 Evaluation of Quality of Mortality Data Using Textual Analysis Approach  
*A. Battisti, L. Frova and M. Pappagallo, ISTAT, Italy*
- 14:35 Assessing Cross-National Construct Equivalence in the ESS  
*Jaak Billiet and Jerry Welkenhuysen-Gybels, Catholic University of Leuven, Belgium*
- 14:50 Use of Vignettes in Business Surveys in Implementing the International Definition of Innovation  
*Dominique Francoz, Ministry of Youth, Education and Research, France*
- 15:05 Floor Discussion

**Associated Papers**

- Poster 23 The Coverage Rate Estimation for the Fifth Agriculture Census in the Presence of Matching Error  
*Patrizia Cella, Nicoletta Cibella and Tiziana Tuoto, ISTAT, Italy*
- Poster 24 Data Collection Using Mixed Effects Models  
*Tiberiu Postelnicu, Romanian Academy*

## Session 35: Confidentiality II

Leibnizsaal

*Chair: Lawrence H. Cox, National Center for Health and Statistics, U.S.A.*

- 14:05 Sample Design in the Context of Data Security  
*Manuel Nunez, Robert Garfinkel and Ram Gopal, University of Connecticut, U.S.A.*
- 14:20 Estimation of the Probit Model Using Anonymized Micro Data  
*Martin Rosemann, Institut für Angewandte Wirtschaftsforschung, Germany, Gerd Ronning and Harald Strotmann, University of Tübingen, Germany*
- 14:35 Protecting Data Quality and Confidentiality by MASSC: A Survey Sampling Based Method  
*A.C. Singh and F. Yu, RTI International, NC, U.S.A.*
- 14:50 Confidentiality and Linking Administrative and Survey Data: Views from the Public. Main Findings and Discussion from a Qualitative Study Employing Focus Groups  
*Jack Eldridge, Office for National Statistics, United Kingdom*
- 15:05 Floor Discussion

### Associated Papers

Microdata Disclosure by Resampling  
*Sandra Gottschalk, Centre for European Economic Research (ZEW), Germany*

## Session 36: Survey and Census Design II

Forstersaal

*Chair: Ib Olaf Thomsen, EFTA Statistical Advisor's Office*

- 14:05 A Random Sample as a Key for a Better German Register-Based Census  
*Josef Schäfer, Statistical Office of North Rhine-Westfalia, Germany*
- 14:20 The Dutch Virtual Census 2001, A new Approach by Combining Different Sources  
*Eric Schulte Nordholt, Statistics Netherlands*

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- 14:35 Strategies in Dealing with new Data Needs and their Consequences on Quality – Considerations Based on the Integration of the European Statistics on Income and Living Conditions (EU-SILC) in the German Household Budget Surveys  
*Iris Meyer, Federal Statistical Office Germany*
- 14:50 The Revision of TANKAN Survey in March 2004  
*Shin Yamada, Bank of Japan*
- 15:05 Floor Discussion

**Session 37: Perception Surveys**

**Museum**

*Chair: Rainer Stäglin, German Statistical Society and DIW Berlin*

- 14:05 Planning and Carrying out User/Customer Satisfaction Surveys by NSIs in EU and EEA Countries  
*Werner Holzer, Statistics Austria*
- 14:20 Perception Surveys 2003 in the Czech Statistical Office  
*Petra Kuncova and Vladimír Masat, Czech Statistical Office*
- 14:35 Conceptualising Total Business Survey Burden  
*Jacqui Jones, James Rushbrooke, U.K. Office for National Statistics, Gustav Haraldsen, Trine Dale, Statistics Norway and Dan Hedlin, Statistics Sweden*
- 14:50 Response Burden Barometer of Statistics Austria  
*Norbert Rainer, Statistics Austria*
- 15:05 Floor Discussion

**Associated Papers**

OECD Statistician Satisfaction Survey  
*Ann Nichols and Erica Matthews, OECD*

- Poster 25 The User Satisfaction Survey as an Integral Part of the Marketing Information System of the Basque Statistics Office (EUSTAT)  
*José Jabier Zurikarai, Basque Statistics Office, Spain*

**Session 38: Recommended Practices**

**Backstage**

*Chair: Werner Grünewald, Eurostat*

- 14:05 The Road to Quality – The Implementation of the Recommendations of the LEG on Quality in the ESS  
*Martin Karlberg Eurostat and Laurent Probst*
- 14:20 LEG Quality Recommendations and their Implementation in Statistics Lithuania and Statistics Finland  
*Daiva Norkeviciene, Department of Statistics to the Government, Lithuania and Johanna Laiho, Statistics Finland*
- 14:35 Recommendations for Revising Standards for Statistical Surveys for U.S. Federal Agencies  
*Alan R. Tupek et al., U.S. Census Bureau*
- 14:50 Formalizing the Quality Program at the U.S. Census Bureau  
*Robert Tinari, Cheryl Landman and Deborah Stempowski, U.S. Census Bureau*
- 15:05 Floor Discussion

**Associated Papers**

Guidelines for Data Release: General Rules for the Sample Surveys in the National Statistical Institute of Portugal (INE)  
*Luís Correia, INE, Portugal*

- Poster 26 Introduction of a Unified Seasonal Adjustment Procedure Within the Hungarian Central Statistical Office  
*Erika Földesi and Péter Bauer, Hungarian Central Statistical Office*

## List of Posters

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Poster 2	Quality Assessment of Structural Business Statistics Preliminary Estimates <i>Salvatore Filiberti and Mariagrazia Rinaldi, ISTAT, Italy</i>
Poster 3	Improving the surveys on internal and international migrations and on foreign population <i>Domenico Gabrielli, ISTAT, Italy</i>
Poster 4	The Survey on Italian Population Resident Abroad <i>Angela Silvestrini and G. Cariani, ISTAT, Italy</i>
Poster 5	The New Data Collection System on Population Statistics <i>Angela Silvestrini, R. Bartoli, F. Tarantola and M. Venturi, ISTAT, Italy</i>
Poster 6	Integrating the 2001 Population Census and Post-Enumeration Survey Data: the Italian Experience <i>Alessandra Nuccitelli, ISTAT, Italy</i>
Poster 7	Evaluation of the Survey Swedish National and International Road Goods Transport <i>Per Anders Paulson and Johan Eriksson, Statistics Sweden</i>
Poster 8	A Comparison of CAPI and PAPI in a Nationally Representative Danish Health Survey <i>Ola Ekholm, U. Hesse, J. Nørlev, M. Davidsen, National Institute of Public Health, Denmark</i>
Poster 9	An Alternative Approach for the Implementation of Data Editing: the INSPECTOR Project <i>Gregory Farmakis et al, Liaison Systems SA, Greece</i>
Poster 10	Problems of Data Reliability of Sample Surveys of Population Economic Activity in Ukraine <i>Volodymyr Sarioglo, State Statistics Committee of Ukraine</i>

European Conference on Quality and Methodology in Official Statistics (Q2004)

Poster 11	Quality in Territorial Statistics: an Experience of ISTAT Regional Office for Sicily <i>F. Abate, A. Militello and A. P. Mirto, ISTAT, Italy</i>
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