The Programme of the Congress of Polish Statistics

Poznań 18 – 20 April 2012

Plenary sessions:

Anniversary session   **18 April 2012,   9.00 – 10.30**
                                                    The Plenary Hall of Adam Mickiewicz University

Chairperson Andrzej Sokołowski (Cracow University of Economics)

1. **Elżbieta Gołata,** Chairperson of the Organizing Committee of the Congress, 9.00 – 9.10
2. **Representatives of the Organizers of the Congress**
    – **Marian Gorynia**, Rector of the Poznan University of Economics, 9.10 – 9.15
    – **Janusz Witkowski**, President of the Central Statistical Office, 9.15 – 9.20
    – **Czesław Domański**, President of the Polish Statistical Association, 9.20 – 9.25
    – **Jacek Kowalewski**, Director of the Statistical Office in Poznan, 9.25 – 9.30
3. **Letter from Bronisław Komorowski,** the President of the Republic of Poland, to organizers
    and participants of the Congress of Polish Statistics 9.30 – 9.40
4. **Marek Ratajczak,** Deputy Minister of Science and Higher Education, 9.40 – 9.45
5. **Roman Słowiński,** Chairman of the Department of the Polish Academy of Sciences
    in Poznan, 9.45 – 9.50
6. **Eugeniusz Gatnar,** Member of the Board of the National Bank of Poland, 9.50 – 9.55
7. **Representatives of the Authorities of the City and Region**
    – **Piotr Florek**, Voivode of the Wielkopolskie Voivodeship, 9.55 – 10.00
    – **Tomasz Bugajski**, Member of the Board of the Wielkopolska Region, 10.00 – 10.05
    – **Tomasz Kayser**, Deputy Major of Poznan, 10.05 – 10.10
8. **Representatives of International Scientific Organizations and Statistical Institutions**
    – **Marie Bohata**, Deputy Director General of Eurostat, 10.10 – 10.20
    – **Raymond Chambers**, President of the International Association of Survey Statisticians,
      10.20 – 10.25
9. **Reading letters of congratulations – Andrzej Sokołowski,** 10.25 – 10.30

Plenary session 1
Development of Polish statistical research   **18 April 2012,   11.00 – 12.50**
                                                    The Plenary Hall of Adam Mickiewicz University

Chairperson Mirosław Krzyśko (Adam Mickiewicz University, Poznań)

1. **Presentation of the achievements of Polish statistics**
    – **Walenty Ostasiewicz** (Wrocław University of Economics), Development of statistical
      research in Poland, 11.00 – 11.15
    – **Jan Mielniczuk** (Institute of Computer Science, Polish Academy of Sciences, Warsaw
      University of Technology), Polish Contributions in the development of mathematical and
      applied statistics, 11.15 – 11.30
    – **Tadeusz Caliński** (Poznań University of Life Sciences), Development and achievements
      in biometry, 11.30 – 11.45
    – **Krzysztof Jajuga** (Wrocław University of Economics), Development of Polish statistical
      research in economic sciences, 11.45 – 12.00

- **Janusz Witkowski, Tadeusz Walczak, Jan Berger** (Central Statistical Office), The Polish official statistics its historical development and current challenges, 12.00 – 12.15

2. **Presentation of anniversary publications – Ewa Kowalka,** 12.15 – 12.25

   The opening ceremony of the exhibition "Polish Statistical Association in the period between 1912 and 2012"

   The opening ceremony of the exhibition "Statistics in Wielkopolska"

3. **The award ceremony of the provincial competition entitled „Statistics concerns me"** 12.25 – 12.50

Plenary session 2
Development of Polish statistical research   18 April 2012, 14.35 – 16.05
The Plenary Hall of Adam Mickiewicz University
Chairperson Czesław Domański (University of Lodz)

1. **Eminent Polish statisticians**
   - **Teresa Ledwina** (Institute of Mathematics, Polish Academy of Sciences, Wrocław), Jerzy Neyman (1894-1981) **– invited paper,** 14.35 – 14.55
   - **Mirosław Krzyśko** (Adam Mickiewicz University, Poznań), Jan Czekanowski (1882 - 1965) **– invited paper,** 14.55 – 15.15

2. **Stanisława Bartosiewicz** (Wroclaw School of Banking), **Elżbieta Stańczyk** (Statistical Office in Wroclaw), Socio-economic history of Poland in years 1918-2010, 15.15 – 15.35

3. **Jan Kordos** (Warsaw School of Economics, Warsaw Management Academy), Interplay between sample survey theory and practice in Poland, 15.35 – 15.55

4. **Discussion,** 15.55 – 16.05

Discussion Panel   18 April 2012, 16.30 – 18.00
The Future of Statistics   The Plenary Hall of Adam Mickiewicz University
Chairperson Tadeusz Caliński (Poznań University of Life Sciences)

Tadeusz Caliński (Poznań University of Life Sciences), Appointing a team responsible for preparing a declaration of the Congress of Polish Statistics, introduction to the discussion, 16.30 – 16.45

Janina Jóźwiak (Warsaw School of Economics), Population statistics, 16.45 – 16.50

Janusz Witkowski (Central Statistical Office), Social statistics, 16.50 – 16.55

Tomasz Panek (Warsaw School of Economics), Social statistics, 16.55 – 17.00

Jerzy Wilkin (University of Warsaw), Economic statistics, 17.00 – 17.05

Jan Paradysz (Poznan University of Economics), Regional statistics, 17.05 – 17.10

Jerzy Andrzej Moczko (Poznan University of Medical Sciences), Health statistics, 17.10 – 17.15

Mirosław Szreder (University of Gdańsk), Statistical data, 17.15 – 17.20

Jacek Koronacki (Institute of Computer Science, Polish Academy of Sciences, Warsaw), Methodology of statistical research, 17.20 – 17.25

Discussion, 17.25 – 18.00

Statistics in business – practical dimension   **19 April 2012, 8.30 – 9.30**

room 407, Poznan University of Economics

1. **Paweł Chlebicki** (ESRI Polska), „ArcGIS - a solution supporting business planning"
2. **Łukasz Kociuba** (SAS Institute), „An integrated environment for making statistical analyses"
3. **Marcin Grabowski** (AMS SA), „Application of statistical modelling in business tools – AMS Metrics application"
4. **Dominik Zalewski** (genijusz), „Mobile Agenda as a modern tool for conferences"

Parallel Sessions:

History and Development of Polish Statistics   **19 April 2012,   9.50 – 11.20**

room 418, Poznan University of Economics

1. **Józef Pociecha** (Cracow University of Economics), Circumstances surrounding the foundation of the Polish Statistical Association and its first President **– invited paper**
2. **Bożena Łazowska** (Central Statistical Library), The legacy of professor Władysław Bortkiewicz (7 VIII 1868 - 15 II 1931)
3. **Cezary Kuklo** (University of Bialystok), Myths and the truth on the family and its household on the territory of Poland by the end of the pre-industrial era **– invited paper**
4. **Witold Zdaniewicz** (Institute of Catholic Church Statistics SAC, Warsaw), The contribution of the Institute of Catholic Church Statistics to the Polish public statistics

Mathematical statistics 1   **19 April 2012,   9.50 – 11.20**

room 236, Poznan University of Economics

1. **Tadeusz Bednarski**   (University of Wrocław), Statistical analysis of nonresponse in unemployment duration studies **– invited paper**
2. **Wioletta Grzenda** (Warsaw School of Economics), Bayesian semiparametric Cox model in the analysis of unemployment duration determinants of youth
3. **Jan W. Owsiński** (Systems Research Institute, Polish Academy of Sciences, Warsaw), On the optimal division of an empirical distribution (and some related problems)

Mathematical statistics 2   **19 April 2012,   15.30 – 17.00**

room 236, Poznan University of Economics

1. **Jana Jureckova** (Charles University in Prague), Regression quantiles and their two-step modifications
2. **Daniel Kosiorowski** (Cracow University of Economics), Location–scale depth in robust analysis of economic data stream
3. **Paweł Kobus** (Warsaw University of Life Sciences), The use of the Bayesian approach to estimate distributions of variables for selected units in a population using aggregate data

Mathematical statistics 3   **20 April 2012, 9.00 – 10.30**
                                            room 0011, Poznan University of Economics

1. **Jacek Koronacki** (Institute of Computer Science, Polish Academy of Sciences, Warsaw), Statistical challenges of high dimensional small sample size problems **– invited paper**

2. **Tomasz Górecki, Mirosław Krzyśko** (Adam Mickiewicz University, Poznań), Kernel version of the functional principal components

3. **Bronisław Ceranka, Małgorzata Graczyk** (Poznań University of Life Sciences), Estimation of total weight of objects in weighing design

Mathematical statistics 4   **20 April 2012, 14.30 – 16.00**
                                            room 0011, Poznan University of Economics

1. **Zbigniew Szkutnik** (AGH University of Science and Technology in Cracow), EM algorythm and its modifications **– invited paper**

2. **Jan Mielniczuk** (Institute of Computer Science, Polish Academy of Sciences, Warsaw University of Technology), **Małgorzata Wojtyś** (Warsaw University of Technology), Post-model-selection estimators of grade density

3. **Teresa Ledwina, Grzegorz Wyłupek** (Institute of Mathematics, Polish Academy of Sciences, Wrocław), Two-sample test against one-sided alternatives

Survey sampling and small area statistics 1   **English language session**
19 April 2012, 9.50 – 11.20   **AULA, Poznan University of Economics**

1. **Malay Ghosh** (University of Florida), Finite population sampling: model-design synthesis **- invited paper**

2. **Ray Chambers, Gunky Kim** (Wollongong University), Regression analysis using data obtained by probability linking of multiple data sources **- invited paper**

3. **Imbi Traat** (University of Tartu), Domain estimators calibrated on reference survey

Survey sampling and small area statistics 2   **English language session**
19 April 2012, 17.30 – 19.00   **room 407, Poznan University of Economics**

1. **Li-Chun Zhang** (Statistics Norway), Micro calibration for data integration **- invited paper**

2. **Janusz L. Wywiał** (Katowice University of Economics), Estimation of population mean on the basis of a simple sample ordered by an auxiliary variable

3. **Wojciech Gamrot** (Katowice University of Economics), On empirical inclusion probabilities

4. **Konrad Furmańczyk, Stanisław Jaworski** (Medical University of Warsaw, Warsaw University of Life Sciences), Change point detection in a sequence of independent observations

Survey sampling and small area statistics 3   **English language session**
20 April 2012, 11.00 – 12.30   **room 407, Poznan University of Economics**

1. **Lorenzo Fattorini** (University of Siena), Design-based inference on ecological diversity **- invited paper**

2. **Tomasz Żądło** (Katowice University of Economics), On prediction of totals for spatially correlated domains

3. **Tomasz Klimanek** (Poznan University of Economics, Statistical Office in Poznan), Using indirect estimation with spatial autocorrelation in social surveys in Poland
4. **Tomasz Józefowski** (Statistical Office in Poznan), Using a SPREE estimator to estimate the number of unemployed across subregions

Survey sampling and small area statistics 4　　　　　　**English language session**

20 April 2012,　14.30 – 16.00　　　　　　**AULA, Poznan University of Economics**

1. **Jean-Claude Deville**, **Daniel Bonnéry, Guillaume Chauvet** (ENSAE), Neyman type optimality for marginal quota sampling **- invited paper**
2. **Sara Franceschi** (University of Tuscia), **Lorenzo Fattorini** (Università di Siena), **Daniela Maffei** (Università di Firenze), Design-based treatment of unit nonresponse by means of the calibration approach
3. **Marcin Szymkowiak** (Poznan University of Economics), Construction of calibration estimators of total for different distance measures

Population statistics 1　　　　　　**English language session**

19 April 2012,　15.30 – 17.00　　　　　　**room 418, Poznan University of Economics**

1. **Nico Keilman** (University of Oslo), Challenges for statistics on households and families **- invited paper**
2. **Irena E. Kotowska** (Warsaw School of Economics), Evolving population structures and their relevance for demographic and social change **- invited paper**
3. **Marta Styrc, Anna Matysiak** (Warsaw School of Economics), Socioeconomic status and marital stability

Population statistics 2　　　　　　**English language session**

20 April 2012,　16.30 – 18.00　　　　　　**room 418, Poznan University of Economics**

1. **Francesco Billari** (Bocconi University, Milan), Challenges for new methods in demographic analysis (tentative) **- invited paper**
2. **Ewa Frątczak** (Warsaw School of Economics), Tradition and modernity in the modeling of demographic events and processes. From J. Graunt's life tables, Lexis Diagram to longitudinal models with fixed and random effects
3. **Marek Kupiszewski** (Central European Forum for Migration and Population Research), What drives population change? **- invited paper**

Population statistics 3　　　　　　**19 April 2012,　17.30 – 19.00**
　　　　　　room 418, Poznan University of Economics
1. **Elżbieta Gołata** (Poznan University of Economics), Population census and truth
2. **Lucyna Nowak** (Central Statistical Office), Development of statistical research in the field of demography and migration
3. **Wiktoria Wróblewska** (Warsaw School of Economics), Changes in life expectancy and longevity – challenges for statistics
4. **Jerzy T. Kowaleski, Anna Majdzińska** (University of Lodz), Population ageing of the European Union countries – the past and the perspectives
5. **Jadwiga Borucka, Joanna Romaniuk, Ewa Frątczak** (Warsaw School of Economics), Stability of first relationships (marriages and cohabitations) in birth cohorts 1950 – 1970

Social Statistics 1　　　　　　**English language session**

1. **Achille Lemmi** (Siena University, Dipartimento di Economia Politica), Dimensions of poverty. theory, models and new perspectives **- invited paper**
2. **Anna Szukiełojć-Bieńkuńska** (Central Statistical Office), Measurement of poverty and social exclusion in Polish public statistics
3. **Stanisław Maciej Kot** (Gdansk University of Technology), Stochastic equivalence scales for Poland
4. **Krystyna Hanusik, Urszula Łangowska-Szczęśniak** (University of Opole), Determinants of Level and Structure Diversification of Households' Consumption in Poland

Social Statistics 2   **19 April 2012,   15.30 – 17.00**
                                   room 407, Poznan University of Economics

1. **Walenty Ostasiewicz** (Wrocław University of Economics), Life quality as a subject of statistical research **– invited paper**
2. **Jolanta Perek-Białas** (Warsaw School of Economics, Jagiellonian University in Krakow), Situation of older generations based on EU-SILC in selected Central and Eastern European countries
3. **Anna Szukiełojć-Bieńkuńska** (Central Statistical Office), Quality of life in the surveys of the Central Statistical Office of Poland
4. **Krzysztof Szwarc** (Poznan University of Economics), The level of life and the diversity of the demographic situation in the districts of the Wielkopolska voivodship

Social Statistics 3   **English language session**

20 April 2012,   9.00 – 10.30   **room 407, Poznan University of Economics**

1. **Anne Valia Goujon, Ramon Bauer, Samir K.C., Michaela Potančoková** (Vienna Institute of Demography (VID) of the Austrian Academy of Sciences), The human capital puzzle: why it is so hard to find good data on educational attainment? **- invited paper**
2. **Marcin Stonawski** (Cracow University of Economics, International Institute for Applied Systems Analysis, Austria), Human capital and population ageing in Poland
3. **Agnieszka Chłoń-Domińczak** (Warsaw School of Economics), The use of indicators in the context of development of evidence-based social policy
4. **Dominik Rozkrut** (Statistical Office in Szczecin), Differentiation of innovation strategies

Social Statistics 4   **20 April 2012,   14.30 – 16.00**
                                   room 407, Poznan University of Economics

1. **Urszula Sztanderska** (University of Warsaw), Polish public statistics as a source of inspiration for and an obstacle to the development of labour market research **– invited paper**
2. **Paweł Ulman** (Cracow University of Economics), The influence of economic activity of the disabled on the economic situation of their households
3. **Dominik Śliwicki** (Statistical Office in Bydgoszcz), Factors determining the level of wages. The econometric analysis
4. **Aleksandra Matuszewska-Janica** (Warsaw University of Life Sciences), Wages inequalities between men and women in the EU: differences analysis by age, size of the enterprise and occupation

Economic statistics 1   **19 April 2012,   9.50 – 11.20**
                                   room 408, Poznan University of Economics

1. **Włodzimierz Siwiński** (University of Warsaw, Kozminski University), Statistical image of economic crisis 2008 – 2010 **– invited paper**
2. **Eugeniusz Gatnar** (National Bank of Poland), The role of the National Bank of Poland in the system of Polish public statistics
3. **Barbara Pawełek** (Cracow University of Economics), Study of suitability of CSO business tendency survey to short-term forecasting of changes in economic activity in Poland based on vector autoregression model
4. **Andrzej Czyżewski, Aleksander Grzelak** (Poznan University of Economics), The possibilities of using the statistic of input-output in macroeconomics evaluation of the economy

Economic statistics 2   **19 April 2012, 15.30 – 17.00**
                                                    room 408, Poznan University of Economics

1. **Barbara Liberda** (University of Warsaw), Generational accounting - a method of measuring net wealth of each generation **– invited paper**
2. **Krzysztof Malaga** (Poznan University of Economics), The dilemmas of contemporary economic growth statistics
3. **Stanisław Lewiński vel Iwański, Zofia Wilimowska** (Wrocław University of Technology), Financial structure of Polish companies: statistical modelling
4. **Maria Parlińska, Robert Babiak** (Warsaw University of Life Sciences), Screening and risks of information asymmetry

Economic statistics 3   **19 April 2012, 17.30 – 19.00**
                                                    room 408, Poznan University of Economics

1. **Elżbieta Mączyńska** (Institute of Economics, Polish Academy of Sciences, Polish Economic Society), Statistics as a data source in scientific research. Dilemmas and inadequacy - **invited paper**
2. **Monika Natkowska, Jacek Kowalewski** (Statistical Office in Poznan), Using a map of short-term statistics in the process of organizing business surveys conducted by public statistics
3. **Grażyna Dehnel** (Poznan University of Economics), Indirect micro-estimation in business statistics
4. **Aneta Ptak-Chmielewska** (Warsaw School of Economics), Conditions of enterprises' market in Poland. Enterprises' survival statistics

Economic statistics 4   **20 April 2012, 11.00 – 12.30**
                                                    room 408, Poznan University of Economics

1. **Andrzej P. Wiatrak** (University of Warsaw), Contemporary problems of agricultural statistics **– invited paper**
2. **Renata Bielak** (Central Statistical Office), The role of statistics in the process of planning development policies – priorities and challenges
3. **Grzegorz Kowalewski** (Wrocław University of Economics), Methodology of business tendency surveys
4. **Sergiy Gerasymenko** (Poznan School of Banking, the Faculty in Chorzow), **Olena Chupryna** (V.N. Karazin Kharkiv National University), Optimization of the set of indexes for the comparative estimation of the social-economic objects

Regional statistics 1   **20 April 2012, 9.00 – 10.30**
                                                    room 408, Poznan University of Economics

1. **Jan Paradysz** (Centre of Regional Statistics, Poznan University of Economics), Regional statistics: condition, problems and development directions **– invited paper**
2. **Dominika Rogalińska** (Central Statistical Office), Challenges of regional statistics in the context of the debate about policy coherence
3. **Danuta Strahl, Małgorzata Markowska** (Wrocław University of Economics), The possibility of NUTS 2 level regions innovation assessment in the perspective of Eurostat information resources
4. **Ewa Kamińska-Gawryluk** (Statistical Office in Bialystok), Regional Differences in Poland and in Selected Countries of the European Union

Regional statistics 2   20 April 2012, 11.00 – 12.30
room 408, Poznan University of Economics

1. **Tadeusz Borys** (Wrocław University of Economics), **Tomasz Potkański** (Association of Polish Cities), Monitoring of regional and local development
2. **Dorota Doniec** (Statistical Office in Katowice), Regional accounts
3. **Bartosz Bartniczak** (Statistical Office in Wroclaw, Wrocław University of Economics), Sustainable development indicators module in local data bank
4. **Dorota Wyszkowska** (University of Bialystok, Statistical Office in Bialystok), Regional statistics as a tool of supporting the development of Polish voivodships
5. **Jacek Batóg, Barbara Batóg, Magdalena Mojsiewicz** (University of Szczecin), **Katarzyna Wawrzyniak** (West Pomeranian University of Technology, Szczecin), Statistical monitoring system of implementation of the city strategy of development

Regional statistics 3   20 April 2012, 14.30 – 16.00
room 408, Poznan University of Economics

1. **Janusz Dygaszewicz, Magdalena Janczur-Knapek, Amelia Wardzińska-Sharif** (Central Statistical Office), National censuses PSR 2010 and NSP 2011 via geographic information systems in public statistics
2. **Paweł Chlebicki** (ESRI Polska), ArcGIS as a powerful tool for visualization and spatial analysis of statistical data
3. **Sylwia Filas-Przybył, Maciej Kaźmierczak, Dorota Stachowiak** (Statistical Office in Poznan), The use of data from administrative sources in urban statistics
4. **Robert Buciak, Marek Pieniążek** (Central Statistical Office, University of Warsaw), Spatial classification of rural areas in Poland
5. **Roma Ryś-Jurek** (Poznań University of Life Sciences), Regional differences in agricultural production in the EU-27 countries

Data analysis and classification 1   English language session
19 April 2012, 15.30 – 17.00   AULA, Poznan University of Economics

1. **Reinhold Decker** (Universität Bielefeld), Model-based analysis of online consumer reviews – methods and applications **- invited paper**
2. **Patrick Groenen** (Erasmus University Rotterdam), The support vector machine as a powerful tool for binary classification **- invited paper**
3. **Andrzej Sokołowski** (Cracow University of Economics), **Beata Basiura** (AGH University of Science and Technology in Cracow), Ward's agglomerative method

1. **Wojtek Krzanowski** (University of Exeter), Classification: some old principles applied to new problems **- invited paper**
2. **Justyna Wilk** (Wrocław University of Economics), Symbolic approach in regional analyses
3. **Marcin Pełka** (Wrocław University of Economics), Ensemble approach for clustering of interval-valued symbolic data
4. **Justyna Brzezińska** (Katowice University of Economics), Independence analysis of nominal data with the use of log-linear models in R

Data analysis and classification 3   **20 April 2012,   9.00 – 10.30**

AULA, Poznan University of Economics

1. **Dorota Rozmus** (Katowice University of Economics), Ensemble approach in taxonomy
2. **Aleksandra Łuczak, Feliks Wysocki** (Poznań University of Life Sciences), Evaluation of level of socioeconomic development of powiats in Wielkopolska province
3. **Kamila Migdał-Najman** (University of Gdańsk), The design of the hybrid, self-learning neural network type SOM-GNG
4. **Krzysztof Najman** (University of Gdańsk), Self-organizing networks in cluster analysis
5. **Piotr Krasucki** (The Institute of Public Affairs), **Władysław Wiesław Łagodziński** (Polish Statistical Association), Integrated system of health data and statistics – indispensable minimum

Data analysis and classification 4   **20 April 2012,   11.00 – 12.30**

AULA, Poznan University of Economics

1. **Małgorzata Markowska, Bartłomiej Jefmański** (Wrocław University of Economics), The evaluation of smart specialization dynamics and directions of changes development in European regions by applying fuzzy classification
2. **Katarzyna Kopczewska** (University of Warsaw), Regions in space. Is the location and availability are important for economic and social development?
3. **Robert Pietrzykowski** (Warsaw University of Life Sciences), Spatial analysis of agricultural land prices used to spatial quantile regression
4. **Marzena Piotrowska-Trybull, Stanisław Sirko** (National Defense University), Influence of military units on the community's development
5. **Joanna Zyprych-Walczak, Alicja Szabelska, Idzi Siatkowski** (Poznań University of Life Sciences), Gene selection procedures including correlation between genes

Statistical data 1   **19 April 2012,   17.30 – 19.00**

room 236, Poznan University of Economics

1. **Jan Zawadzki, Maria Szumksta-Zawadzka** (West Pomeranian University of Technology, Szczecin), On methods of predicting missing data in time series with periodical (seasonal) fluctuations
2. **Jadwiga Suchecka, Emilia Modranka** (University of Lodz), Spatial statistics – methods and applications

3. **Ewa-Zofia Frątczak, Adam Korczyński** (Warsaw School of Economics), Classical and modern approaches in data imputation methods. Review of theories – examples of practical applications
4. **Artur Mikulec, Aleksandra Kupis - Fijałkowska** (University of Lodz), An empirical analysis of the effectiveness of Wishart and Mojena criteria in cluster analysis
5. **Cezary Głowiński, Kamil Konikiewicz** (SAS Institute sp. z o.o.), Using social networks to model the behaviour of customers of telecommunications companies

Statistical data 2   20 April 2012,   11.00 – 12.30
room 0011, Poznan University of Economics

1. **Grażyna Trzpiot, Agnieszka Orwat-Acedańska** (Katowice University of Economics), The classification of mutual funds based on the management style—the quantile regression approach
2. **Tadeusz Kufel** (Nicolaus Copernicus University), **Marcin Błażejowski, Paweł Kufel** (Torun School of Banking), The creation of databanks as the basis of socio-econometric analyses in GRETL software
3. **Zbigniew Augustyniak**, (Statistical Office in Poznan), Online presentation of statistical data as part of the SISP project
4. **Arleta Olbrot-Brzezińska** (Statistical Office in Poznan), Social functions of statistical information and the responsibility of public statistics
5. **Katarzyna Wawrzyniak** (West Pomeranian University of Technology, Szczecin), The evaluation of main goals of the national development strategy according to voivodships with using the correspondence analysis

Poland and Ukraine in the European context   20 April 2012,   14.30 – 16.00
room 418, Poznan University of Economics

1. **Rusłan Motoryn** (Ukrainian State University of Finance and International Trade, Lublin University of Technology), **Iryna Motoryna** (Academy of Financial Management in Kiev), **Tetiana Motoryna** (Taras Shevchenko National University Of Kyiv), Comparison indexes of the use of gross savings of households Ukraine and Poland
2. **Andrzej Młodak** (Statistical Office in Poznan, Higher Vocational State School in Kalisz), Modernization of economic activity statistics on a pan-European scale
3. **Karol Andrzejczak** (Poznan University of Technology), Changes and the growth limit of the indicator of the automobile market saturation at the global level and in Poland
4. **Dorota Kwiatkowska-Ciotucha, Urszula Załuska** (Wrocław University of Economics), Assessing the use of ESF funding in different regions of Poland in the current programming cycle

Health statistics   20 April 2012   9.00 – 10.30
room 418, Poznan University of Economics

1. **Agnieszka Dyzmann-Sroka, Andrzej Roszak, Maciej Trojanowski** (Greater Poland Cancer Center), **Jerzy Moczko** (Poznan University of Medical Sciences), Methods of increasing data quality in malignant tumor registers
2. **Urszula Wojciechowska, Joanna Didkowska** (Cancer Center and Institute of Oncology in Warsaw), Cancer in Poland as a public health problem. Modern tools to measure the phenomenon
3. **Barbara Kołodziejczak, Magdalena Roszak** (Poznan University of Medical Sciences), Rapid e-learning in biostatistics

4. **Magdalena Roszak, Barbara Kołodziejczak** (Poznan University of Medical Sciences), E-evaluation of the statistical knowledge of medical students
5. **Anna Wierzbicka** (University of Lodz), A taxonomic analysis of public health in Poland in comparison with selected European countries

Statistics of sport and tourism   **20 April 2012, 16.30 – 18.00**
                                                    room 0011, Poznan University of Economics

1. **Ryszard Walaszczyk** (Ministry of Sport and Tourism), Sport Information System **– invited paper**
2. **Barbara Liberda**   (University of Warsaw),   **Łucja Tomaszewicz, Iwona Świeczewska** (University of Łódź), Methodology of satellite accounts at the example of the sport satellite account for Poland
3. **Iwona Bąk** (West Pomeranian University of Technology, Szczecin), A statistical analysis of tourist activity of senior citizens in Poland
4. **Marcin Błażejowski** (Torun School of Banking), Applying modelling and prediction algorithms to the tourism market

Classifications and standards   **English language session**

20 April 2012, 16.30 – 18.00   **room 408, Poznan University of Economics**

1. **Włodzimierz Okrasa** (Central Statistical Office, Cardinal Stefan Wyszyński University in Warsaw), Statistics and sociology: Mutually-supportive development from the perspective of interdisciplinarisation of social research
2. **Èva Laczka** (Hungarian Central Statistical Office), The role of Population and Housing and Agricultural Censuses in the national statistical systems
3. **Grzegorz Krzykowski, Marcin Kalinowski** (Gdansk School of Banking), Selection and screening of data as a key element of statistical research on the financial markets

Statistical inference   **20 April 2012, 16.30 – 18.00**
                                                       AULA, Poznan University of Economics

1. **Mirosław Krzyśko, Łukasz Waszak** (Adam Mickiewicz University, Poznań), Kernel canonical correlation
2. **Grzegorz Kończak** (Katowice University of Economics), Statistical inference for multidimensional contingency tables
3. **Joanna Kisielińska** (Warsaw University of Life Sciences), The exact bootstrap method shown on the example of the mean and varaince estimation
4. **Ewa Meller** (Statistical Office in Poznan), Small area estimation for some characteristics of labour market
5. **Łukasz Wawrowski** (Statistical Office in Poznan), Poverty analysis across districts of Wielkopolska using small area estimation methods

Economic and social development analysis   **20 April 2012, 16.30 – 18.00**
                                                       room 407, Poznan University of Economics

1. **Elżbieta Stańczyk** (Statistical Office in Wroclaw), Occupational qualifications of the unemployed on the basis of research by CSO. Intervoivodship Comparative Analysis
2. **Józef Hozer, Marta Hozer-Koćmiel** (University of Szczecin), Quantum satis of Polish companies in 2012
3. **Janusz Kornecki, Piotr Cmela** (Statistical Office in Lodz), Strategic dilemmas of growth support for micro-enterprises in Poland

4. **Rafał Nowakowski** (Statistical Office in Wroclaw), The local elections on the example of regional capitals of Lower Silesia, Malopolska and Wielkopolska – 20 years of experience

5. **Jacek Białek** (University of Lodz), Special case of some general price index formula

POSTER SESSION   **19 April 2012, 17.00 – 17.30**
<div align="right">**The hall, 2nd floor, Poznan University of Economics**</div>

1. **Beata Bal-Domańska** (Wrocław University of Economics, Faculty in Jelenia Góra), Convergence processes modelling the European regional space

2. **Maciej Beręsewicz** (Poznan University of Economics), Internet data sources in the light of the national census based on the example of the real estate market in Poznan

3. **Anna Błaczkowska** (Wroclaw School of Banking), **Alicja Grześkowiak** (Wrocław University of Economics), Demographic and economic conditions of the process of junior high school education in the regions of Dolny Śląsk and Opolszczyzna in the years 2003-2010

4. **Hanna Dudek, Joanna Landmesser** (Warsaw University of Life Sciences), Income satisfaction and relative deprivation

5. **Alicja Ganczarek-Gamrot** (Katowice University of Economics), Multivariate FIGARCH models in risk estimation on the Polish electric energy market

6. **Hanna Gruchociak** (Poznan University of Economics), Delimitation of local labour markets in Poland

7. **Marta Małecka** (University of Lodz), Evaluation of variance of Value-at-Risk estimators

8. **Magdalena Okupniak** (Poznan University of Economics), Applying intra- and inter-block analysis in economic statistics

9. **Dariusz Parys** (University of Lodz), Remarks on the use of multiple testing in economic sciences

10. **Elżbieta Paszko, Anna Maria Jurek** (University of Lodz), Application of TQM - Total Quality Management in process of improvement teaching methods

11. **Agnieszka Pobłocka** (University of Gdańsk), Insurance market in Poland, 1991-2010

12. **Wojciech Roszka** (Poznan University of Economics), Applying mass imputation methods to integrate databases from various sources

13. **Danuta Rozpędowska-Matraszek** (State Higher Vocational School in Skierniewice), The assessment of health care system operation efficiency based on the example of Poland - an analysis using clustering of poviats

14. **Elżbieta Sobczak** (Wrocław University of Economics), Workforce by R&D activity intensity in EU countries – space-structural analysis

15. **Agnieszka Stanimir** (Wrocław University of Economics), Different techniques of presenting non-metric variables

16. **Marta Styrc** (Warsaw School of Economics), Determinants of the marital stability of first marriages in Poland