

## THE 22<sup>nd</sup> INTERNATIONAL SCIENTIFIC SYMPOSIUM ON BIOMETRICS, BIOSTAT 2015

Dubrovnik, Croatia, 28<sup>th</sup> June–1<sup>st</sup> July 2015

BIOSTAT symposium 2015 was organized by Croatian Biometric Society (HBMD), under the auspices of the University of Zagreb. Researchers and practitioners in the field of biometrics presented their work from the development and application of statistical and mathematical methods to data analysis in life sciences and covered the following topics: *Design of Experiments; Clinical Study Design; Sampling Methods, Statistical Modelling of Biological Systems, Statistical Genomics, Environmental Statistics, Predictive and Prescriptive Modelling; Temporal-Spatial Analysis, Forecasting and Prediction; Multivariate Statistics in Life Sciences, Meta-analysis, Data Visualization, Data Mining, Quantitative Decision Support, Risk Assessment, Statistical Learning, Taxonomy and Classification, Research Data Lifecycle, Management and Education in Biometrics.*

On the first day of the Symposium, professor Lynne Billard from University of Georgia (USA) conducted *the 20th School of Biometrics*. Her lecture on “Multiple Sets of Multivariate Time Series” was an inspiring introduction to commence with other sections.

The Symposium brings together researchers from a wide range of disciplines and institutions from agriculture and forestry through biomedicine, anthropology, psychology, kinesiology to statistics and mathematics. Over 30 participants from 14 countries participated at this congress with 23 presentations and two keynote lectures. The keynote speakers were prof. Viswanathan Ramakrishnan (Medical University of south Carolina, USA), who presented the lecture titled “Is the Adaptive Paradigm Shifting the Perception of Clinical Trials?” and prof. Rado Pišot (UP SRC; Institute for Kinesiology Research), with the lecture titled »Bed Rest as a Model for Studying Mechanisms of Functional Decline«. Three presentations of methods and the latest findings from the field of kinesiology were given also by prof. Franjo Prot (KIF, University of Zagreb), Uroš Marušič, Ph.D. (UP SRC) and Saša Pišot (UP SRC).

The Symposium took place in the beautiful ancient city of Dubrovnik, in the Centre for Advanced Academy Studies (CAAS) which is located close to the main gate leading to the old city centre. A warm social atmosphere and hospitality of the organizers enabled us to share many a professional thoughts and ideas for further collaboration and to take home a pleasant memory of Croatia and the Dalmatian pearl – the city of Dubrovnik.

One of the important messages of the Symposium is also that the event will be bi-annual from now on, therefore, the next opportunity to exchange new viewpoints will be in the summer of 2017.

Saša Pišot

## 22. MEDNARODNI ZNANSTVENI SIMPOZIJ BIOMETRIJE, BIOSTAT 2015

Dubrovnik, Hrvaška, 28. junij–1. julij 2015

Simpozij BIOSTAT 2015 je pod okriljem Univerze v Zagrebu letos že 22. organiziralo Hrvaško biometrično društvo (HBMD). Raziskovalci in strokovnjaki s področja biometrije so imeli možnost predstaviti izsledke razvojnega in aplikativnega dela statističnih in matematičnih metod v okviru naslednjih tematik: *Design of Experiments; Clinical Study Design; Sampling Methods, Statistical Modeling of Biological Systems, Statistical Genomics, Environmental Statistics, Predictive and Prescriptive Modeling; Temporal-Spatial Analysis, Forecasting and Prediction; Multivariate Statistics in Life Sciences, Meta-analysis, Data Visualization, Data Mining, Quantitative Decision Support, Risk Assessment, Statistical Learning, Taxonomy and Classification, Research Data Lifecycle Management and Education in Biometrics.*

Prvi dan simpozija je bil namenjen že 20. šoli biometrije, ki jo je tokrat izvedla priznana profesorica Lynne Billard iz Univerze v Georgiji iz ZDA. Predavanje z naslovom »Multiple sets of multivariate time series« je bil dobrodošel uvodni navdih za nadaljnje sekcije, ki so se nato zvrstile.

Mednarodni znanstveni simpozij je tudi tokrat združil raziskovalce iz široke palete znanstvenih disciplin in institucij; od kmetijstva in gozdarstva, biomedicine, antropologije, psihologije, kineziologije do statistike in matematike. Preko 30 udeležencev iz 14 držav je sodelovalo s 23 predstavitevami in z dvema vabljenima predavanjema. Predavateljica sta bila prof. Viswanathan Ramakrishnan (Medicinska univerza v južni Karolini, ZDA), ki je v predstavitvi poskušal odgovoriti na vprašanje: »Is the adaptive paradigm shifting the perception of clinical trials?« in prof. Rado Pišot (UP ZRS, Inštitut za kineziološke raziskave), ki je predstavil odmevno delo inštituta z naslovom »Bed rest as a model for studying mechanisms of functional decline«. Nadalje so se zvrstile poleg drugih tudi tri predavitve, v katerih so prof. Franjo Prot (Kineziološka fakulteta, Univerza v Zagrebu), dr. Uroš Marušič (UP ZRS) in Saša Pišot (UP ZRS) predstavili pomembne metode, uporabljene pri raziskovanju na področju kineziologije.

Simpozij se je odvijal v prijetnih prostorih Centra za napredne akademske študije (CAAS) v bližini srednjeveškega starega mestnega jedra Dubrovnika. Prijetna klima in gostoljubnost organizatorjev sta omogočali izmenjavo idej in dobrih praks tudi izven predavalnic, zato nam bo simpozij ostal v prijetnem spominu. Novost simpozija je tudi, da se bo simpozij sedaj organiziral na vsaki dve leti, zato bo naslednja možnost izmenjave znanstvenih misli poleti leta 2017.

Saša Pišot