

Research topics

Prof. univ. dr. ALBU CRIȘAN	<i>Modeling the consumer behavior in terms of experimental economics</i>
	<i>Analysis of firm behavior on the financial markets using efficiency techniques</i>
	<i>Economic – mathematical modeling of SMEs' development strategies</i>
	<i>Contributions regarding segmentation process modeling of the banking activities</i>
	<i>Contributions to the development of methods and models for multicriteria analysis of the energy market</i>
	<i>Methods and techniques for efficiency estimation with application to the educational system</i>
Prof. univ. dr. ANDREI TUDOREL	<i>Small area estimation in teritorial statistics</i>
	<i>Econometric techniques in assesing macroeconomic imbalances</i>
Prof. univ. dr. ANGHELACHE CONSTANTIN	<i>Using statistical and econometric models to analyse the labor market</i>
	<i>Statistical and econometric models used in macroeconomic foresight</i>
	<i>Macroeconomic models used in structural analysis of GDP</i>
	<i>Methods and models for analysis and performance measurement and financial and banking risks</i>
	<i>Methods and models for measuring and analyzing inflation</i>
	<i>Models for the capital market (financial) analysis</i>
	<i>Budget execution analysis - methods and models used</i>
Prof. univ. dr. BĂDESCU ADRIAN	<i>Multiple-criteria decision modelling at microeconomic level under risk and uncertainty</i>
	<i>Performance and risk metrics in system analysis and diagnosis</i>
	<i>Performance Measurement with the Balanced Scorecard</i>
	<i>Analysis and diagnosis of symptoms predictive business systems</i>
	<i>Measuring, Monitoring, and Managing Business by Performance Dashboards</i>
	<i>Intelligent System for Portfolio Optimization</i>
	<i>Decisions on the capital market modeled as a complex adaptive system</i>
Prof. univ. dr. CONSTANTIN LUMINIȚA	<i>Clusters and regional competitiveness</i>
	<i>The universities' role in creating and developing competitive regional clusters</i>
	<i>SMEs' competitiveness and regional development</i>
Prof. univ. dr. DOBRE ION	<i>Economic and econometric analysis of the impact of the prudential rules on the banking system</i>
	<i>Contributions to determine the impact of direct marketing techniques on retail companies</i>
	<i>Contributions to the modeling of Romania socio-economic development on medium and long term</i>
	<i>Substantiation of economic and social development strategy at regional level</i>

	<i>Determining the correlation between corporate governance and public relations</i>
	<i>Contributions to assessing the reputation size on the Romanian agricultural market</i>
	<i>Reputation management in SMEs</i>
	<i>Effective branding strategies in an uncertain economic climate</i>
Prof. univ. dr. MIHĂIȚĂ NICULAE	<i>Quantitative Methods in Semiotics and Second-Order Cybernetics</i>
	<i>Information Theory in eMarketing Case Studies</i>
	<i>Econometrics Methods Applied in Absurd Theatre performances</i>
	<i>Onicescu Informational Statistics with Applications</i>
	<i>Informational Statistics with applications in marketing-management decisions</i>
	<i>Quantitative Methods in Arts</i>
Prof. univ. dr. MITRUȚ CONSTANTIN	<i>Models of analysis of the level, dynamics and structure of private consumption in Romania</i>
	<i>Correlations on the Romanian labor market</i>
	<i>Investment and economic growth in Romania</i>
	<i>Models of analysis of the level, structure and dynamics of population income</i>
Prof. univ. dr. ODĂGESCU IOAN	<i>Designing an IT- decision support system based on computational intelligence elements</i>
	<i>Software implementation of methods and techniques for supervised recognition of shapes</i>
	<i>Specific Technologies Data Mining large databases</i>
	<i>Software implementations of algorithms for the economic and financial analysis and prediction</i>
Prof. univ. dr. ROMAN MONICA MIHAELA	<i>High skilled migration: statistical evaluation and econometric modelling</i>
	<i>Econometric modelling of the remitting behavior of Romanian migrants</i>
	<i>A statistical analysis of medical migration in Romania</i>
	<i>Statistical analysis of immigration to Romania</i>
	<i>Efficiency models applied in the study of knowledge economy</i>
	<i>Quantitative evaluation of the efficiency of structural funds</i>
	<i>Quantitative methods applied for the evaluation of the public policies</i>
Prof. univ. dr. ROMAN MIHAI	<i>Analysis of migration flows using the Game Theory</i>
	<i>Models of political cycles influences on business cycles</i>
	<i>Fiscal and monetary policies' effects on recession economies</i>
	<i>Imperfect competition markets models</i>
	<i>Study of corruption influences on political and economical mechanisms</i>
	<i>Asymmetric information influence on economic agents behavior</i>
	<i>The effects of pension system reform on social and economic mechanisms</i>
Prof. univ. dr. RUXANDA GHEORGHE	<i>Information consolidation by using multidimensional statistical techniques</i>
	<i>Using Data Mining technology in the design and optimization of WEB activities and processes</i>
	<i>Bayes Methods and techniques used in economic and financial analysis and prediction</i>

	<i>Using neural networks in economic and financial analysis and prediction</i>
	<i>Stochastic processes used in finance</i>
	<i>Cointegration of time series, specific tests and models</i>
	<i>Unsupervised and supervised statistical learning: principles, methods and applications in economics</i>
	<i>Learning Machines - with applications in finance and economics</i>
	<i>Methods and techniques of cluster analysis with applications in finance and economics</i>
	<i>Supervised recognition of forms - with applications in finance and economics</i>
	<i>Using Support Vector Machine technology (SVM) and Expected Maximization (EM) in forms recognition</i>
	<i>Economic and financial analysis and prediction using multidimensional econometric models</i>
	<i>Methods and techniques of estimation of probability densities and econometric models</i>
	<i>Using computational intelligence methods and techniques in the economic and financial optimization</i>
Prof. univ. dr. SCARLAT EMIL	<i>Modeling of Changes in the Business Processes for the Rise of Performances of SMM</i>
	<i>Contributions of Understanding of Nonlinear and Chaotic Dynamics of the Complex Economic Systems</i>
	<i>Modeling the Economic Impact of Cloud Computing using Computable General Equilibrium Models</i>
	<i>Using the Intelligent Social Networks in the Health Care Systems</i>
	<i>Algorithms and Methods inspired from the Natural and Biological Systems and their Applications in Complex Economic Systems</i>
Prof. univ. dr. STANCU STELIAN	<i>Exchange rate and inflation prediction using neural computing elements</i>
	<i>Using evolutionary algorithms for simulating the behavior of market players</i>
	<i>Using evolutionary algorithms for multi-criteria optimization</i>
	<i>Modelling the impact of psychological factors on the behavior of economic agents</i>
	<i>Autoregressive stochastic models used in finance</i>
	<i>Portfolio management active strategies for complex technology projects - a cybernetic perspective</i>
	<i>Strategies of pension funds in terms of low yield of the fixed income instruments</i>
	<i>Risk and uncertainty in the banking system</i>
Prof. univ. dr. ȚIȚAN EMILIA	<i>Measurement and quantification statistics in social environment</i>
	<i>Statistical analysis of welfare / quality of life</i>
	<i>Social determinants of health status / level of precursor</i> <i>Statistical analysis of social inequalities in health / education</i>
	<i>Methods and techniques of statistical analysis of macroeconomic phenomena</i>
	<i>Statistical evaluation of social disparities and their impact on the evolution of society</i>
	<i>Statistical methods for the analysis of social inequality, poverty and social exclusion</i>

**Prof. univ. dr.
VOINEAGU
VERGIL**

<i>Using statistical methods in the study of the informal economy in Romania</i>
<i>Statistical analysis of the inflation in Romania and its impact</i>
<i>Statistical analysis of the labor market in Romania</i>
<i>Modern statistical models used in marketing research</i>
<i>Modern statistical methods used in the analysis of qualitative variables</i>
<i>Construction of composite indicators and their implementation</i>
<i>Analysis of the quality and consistency of data from official statistics of Romania</i>
<i>Statistical methods for the analysis of real estate market in Romania</i>
<i>Proportions and correlations crucial for the social and economic development of Romania</i>