UNIVERSIDAD DE ALMERIA, October 17-20, 2023

DySES (Dynamics of Socio Economic Systems)



SCIENTIFIC PROGRAMME



UNIVERSIDAD DE ALMERIA, October 17-20, 2023

DySES (Dynamics of Socio Economic Systems)

October, 17

16:00

Registration (Meeting room (0.05))

16:30 - 17:00

Conference Opening (Conferences room)

17:00 - 18:00

Plenary: An integrated approach to decisions in production field (Conferences room)

Speaker: Massimo Squillante

Chair: Francesca Perla Discussants: Gerarda Fattoruso and Antonio Violi

18:00 - 19:00

Welcome coffee

19:00 - 20:45

Concert: E Senza acqua la terra more

ARSNOVA NAPOLI (Auditorio de la UAL)

Link for the concert: https://bit.ly/ual-auditorio

Octob	oer, 18			
80	3:30			
Registration opening (Meeting room 0.05)				
9:00	- 10:30			
Session 1: Intertemporal choice (Seminar room)	Session 2 (Meeting room 1.44)			
Chair: Viviana Ventre	Chair: Giacomo di Tollo and David Carfì			
Title: Description of behavioral investors' type through the discount function and functional data analysis	Title: Constructing cardinality-constrained long-short portfolios: an adaptive evolutionary approach			
<i>Authors: <u>Roberta Martino</u>, Viviana Ventre, Salvador Cruz Rambaud, Fabrizio Maturo</i>	Authors: <u>Giacomo di Tollo,</u> Gianni Filograsso			
Title: Uncertainty and subjective probability in Decision-Making: insights from intertemporal choices	Title: Aging among ethnic and religious groups in Romania – an exploratory study			
Authors: Viviana Ventre, Roberta Martino, Laura Sagliano, Francesco Panico, <u>Luigi</u> <u>Valio</u> , Luigi Trojano	Authors: <u>Claudiu Herteliu</u>			
Title: Impatience in intertemporal choice and Mediterranean diet	Title: A proposal for optimal VaR and CVaR parameters estimation			
<i>Authors: <u>María José Muñoz Torrecillas</u>, Viviana Ventre, Roberta Martino, Salvador Cruz Rambaud</i>	Authors: <u>Joseph Andria</u> , Marco Corazza, Giacomo di Tollo			
Title: A preliminary study on impatience in intertemporal choice and magnitude effect in adolescents				
Authors: <u>Ana María Sánchez Pérez</u> , María José Muñoz Torrecillas, Salvador Cruz Rambaud				

10:30 - 11:00

Coffee break

11:00 - 12:00

Plenary: Regularization in portfolio optimization (Conferences room)

Speaker: Stefania Corsaro

Chair: Claudiu Herteliu

12:00	- 13:00	
Session 1 (Seminar room)	Session 2 (Meeting room 1.44)	
Chair: José Carlos Rodríguez Alcantud	Chair: Raffaele Mattera	
Title: Dynamic risk measures and non-linear pricing rules generated by a bivariate Dempster-Shafer process <i>Authors: <u>Andrea Cinfrignini</u>, Davide Petturiti, Barbara Vantaggi</i> Title: Optimal transport in Dempster-Shafer theory <i>Authors: <u>Silvia Lorenzini</u>, Davide Petturiti, Barbara Vantaggi</i>	Title: A joint procedure for ranking and clustering the networked European research projectsAuthors: Roy Cerqueti, Antonio Iovanella, Raffaele MatteraTitle: Prediction model with LightGBM method for prediction prices for new productsAuthors: Svitlana Drin	
Title: A physical sub-diffusion approach for illiquid markets	Title: Improved estimation of the assets' precision matrix via shrinkage	
Authors: <u>Nataliya Shchestyuk</u> , Sergiy Tyshchenko	Authors: <u>Raffaele Mattera</u>	
13:00	- 14:30	
Lu	nch	
14:30	- 16:00	
Session 1 (Seminar room)	Session 2: Artificial Intelligence and Dynamics in Economic and Financial Decisions (Meeting room 1.44)	
Chair: Javier Sánchez García	Chair: Lucia Maddalena and Luca Grilli	
Title: Progress in bibliometric analysis use in business and management: a methodological literature review	Chair: Lucia Maddalena and Luca Grilli Title: Regulation and enforcement in the exploitation of the groundwater resource	
Title: Progress in bibliometric analysis use in business and management: a methodological	Title: Regulation and enforcement in the	
Title: Progress in bibliometric analysis use in business and management: a methodological literature review Authors: <u>Eduardo Terán-Yépez</u> , María-Belén Marín-Carrillo, Manuel Sánchez-Pérez,	Title: Regulation and enforcement in the exploitation of the groundwater resource <i>Authors:</i> <u>Marta Biancardi</u> , Lucia Maddalena,	
Title: Progress in bibliometric analysis use in business and management: a methodological literature reviewAuthors: Eduardo Terán-Yépez, María-Belén Marín-Carrillo, Manuel Sánchez-Pérez, Cristina Segovia-LópezTitle: Exploring the Elements and Intellectual Framework of Agricultural Competitiveness	Title: Regulation and enforcement in the exploitation of the groundwater resourceAuthors: Marta Biancardi, Lucia Maddalena, Giovanni VillaniTitle: ALBERTino for stock price prediction: a	
Title: Progress in bibliometric analysis use in business and management: a methodological literature reviewAuthors: Eduardo Terán-Yépez, María-Belén Marín-Carrillo, Manuel Sánchez-Pérez, Cristina Segovia-LópezTitle: Exploring the Elements and Intellectual Framework of Agricultural Competitiveness ResearchAuthors: Ana Batlles-delaFuente, Ana-Isabel García-Agüero, Eduardo Terán-Yépez, Luis J.	Title: Regulation and enforcement in the exploitation of the groundwater resourceAuthors: Marta Biancardi, Lucia Maddalena, Giovanni VillaniTitle: ALBERTino for stock price prediction: a Gibbs sampling approachAuthors: Francesco Colasanto, Luca Grilli,	
 Title: Progress in bibliometric analysis use in business and management: a methodological literature review Authors: Eduardo Terán-Yépez, María-Belén Marín-Carrillo, Manuel Sánchez-Pérez, Cristina Segovia-López Title: Exploring the Elements and Intellectual Framework of Agricultural Competitiveness Research Authors: Ana Batlles-delaFuente, Ana-Isabel García-Agüero, Eduardo Terán-Yépez, Luis J. Belmonte-Ureña, Francisco Camacho-Ferre Title: A new approach to statistical arbitrage 	Title: Regulation and enforcement in the exploitation of the groundwater resourceAuthors: Marta Biancardi, Lucia Maddalena, Giovanni VillaniTitle: ALBERTino for stock price prediction: a Gibbs sampling approachAuthors: Francesco Colasanto, Luca Grilli, Domenico Santoro, Giovanni VillaniTitle: 'Herd Behavior' in the commodities market. A neuro-fuzzy agent 'herding' on deep	
 Title: Progress in bibliometric analysis use in business and management: a methodological literature review <i>Authors: Eduardo Terán-Yépez, María-Belén Marín-Carrillo, Manuel Sánchez-Pérez, Cristina Segovia-López</i> Title: Exploring the Elements and Intellectual Framework of Agricultural Competitiveness Research <i>Authors: Ana Batlles-delaFuente, Ana-Isabel García-Agüero, Eduardo Terán-Yépez, Luis J. Belmonte-Ureña, Francisco Camacho-Ferre</i> Title: A new approach to statistical arbitrage strategy: Triples trading <i>Authors: José Pedro Ramos Requena; Juan Evangelista Trinidad-Segovia; Miguel Ángel</i> 	 Title: Regulation and enforcement in the exploitation of the groundwater resource <i>Authors: Marta Biancardi, Lucia Maddalena, Giovanni Villani</i> Title: ALBERTino for stock price prediction: a Gibbs sampling approach <i>Authors: Francesco Colasanto, Luca Grilli, Domenico Santoro, Giovanni Villani</i> Title: 'Herd Behavior' in the commodities market. A neuro-fuzzy agent 'herding' on deep learning traders <i>Authors: Luca Grilli, Alfonso Guarino, Domenico Santoro, Francesco Messina, Rocco</i> 	

16:00 - 16:30

Coffee break

16:45 - 18:00

Plenary: Al and Democracy: Who Decides Our Future? (Conferences room)

Speaker: Bill de Blasio (former Mayor of New York City)

Introduction: Francesco Saverio Coppola, Roberta Mongillo and Massimo Squillante

Link for the plenary: https://bit.ly/ual-empresariales

19:00

A Piano Night in Almeria: David Carfì and Giacomo di Tollo

Centro Fundación Unicaja (Paseo de Almería, 69)

October, 19

09:00

Registration opening (Meeting room (0.05 floor))

9:30 - 10:30

Plenary: Ten years of AHPSort (Bioclimatic room) Speaker: Alessio Ishizaka

Chair: Gerarda Fattoruso and Massimo Squillante Link for the plenary: https://meet.google.com/nya-ysjy-meq

10:30 - 11:00					
Coffee break					
11:00 - 12:00					
Session 1: Predictive & Forecasting Models for Dynamic and Complex Decision Making (Seminar room)	Session 2 (Meeting room 1.44)				
Chair: Massimiliano Ferrara	Chair: Marcello Galeotti				
Title: Duality Results for Nonsmooth Mathematical Problems with Vanishing Constraints	Title: Resilience bonds, green transition and complex dynamics				
Authors: <u>David Barilla</u> , Giuseppe Caristi, Nader Kanzi, Hamed Soroush	Authors: <u>Marcello Galeott</u> i, Giovanni Rabitti, Emanuele Vannucci				
Title: Towards modelling and measuring the non-random walk down wall street	Title: Longevity risk modelling using neural networks				
Authors: Gurjeet Dhesi	Authors: Stefania Corsaro, <u>Zelda Marino</u> , Salvatore Scognamiglio				
Title: Advances on LSTM Modeling analyzing Credit Risk Management and Causal Impact evidences	Title: An Explainable Deep Learning Extension of the LSMC for Solvency Capital Requirement Evaluation				
Authors: Massimiliano Ferrara	Authors: Francesca Perla, <u>Salvatore</u> Scognamiglio, Andrea Spadaro, Paolo Zanetti				

12:00 - 13:00

Round Table: Research and innovations (Bioclimatic room) Chair: María José Muñoz Torrecillas

Mario Ciaburri, Antonio Di Nola, Gerarda Fattoruso, Massimiliano Ferrara, Claudiu Herteliu, Biagio Simonetti, Massimo Squillante, Juan Evangelista Trinidad Segovia

Link: https://meet.google.com/nya-ysjy-meq

13:00 - 14:00 Lunch 14:00 - 15:00 Plenary: The contribution of finance to combating climate char (Bioclimatic room) Speaker: María Mar Miralles-Quirós Chair: Salvador Cruz Rambaud 15:00 - 16:30	nge
14:00 - 15:00 Plenary: The contribution of finance to combating climate char (Bioclimatic room) Speaker: María Mar Miralles-Quirós Chair: Salvador Cruz Rambaud 15:00 - 16:30	nge
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(Bioclimatic room) Speaker: María Mar Miralles-Quirós Chair: Salvador Cruz Rambaud 15:00 - 16:30	nge
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Chair: Salvador Cruz Rambaud 15:00 - 16:30	
15:00 - 16:30	
Seccion 1. Multivariate analysis and	
Session 1: Multivariate analysis and applications (Seminar room) Session 2 (Meeting room 1.	44)
Chair: Juan Evangelista Trinidad Segovia Chair: Pilar Casado Belmor	
Title: The Open Manager Approach:Title: Non-equilibrium Financial MarkInnovation In Management StylesDynamicsAuthors: I. Clara Babala, A.M. Buo	
Authors: <u>Tullio Menini;</u> Paolo Bruttini; PaoloAuthors: <u>J. Clara-Rahola</u> , A.M. PueMariani; Michele GalloSánchez-Granero, J. E. Trinidad-Segde las Nieves	
Title: Data Science in Human & SocialTitle: Classifying Household Life Sat the Country Level: A Financial Servic Perspective.	
Authors: <u>Cosima Valentino</u> , Enrico Ciavolino, Gianfranco Gatti	
Title: On the compatibility among priority Title: Asset concentration, connected vectors at varying transitivity thresholds financial stability Authorse Amente District Asset Concentration, connected financial stability	
Authors: Amenta Pietro, <u>Lucadamo Antonio</u> , Marcarelli Gabriella Cruz Rambaud	livador
Title: Testing causal relations in measurement models: The impact of adjustment criteria in CTA-PLSAuthors: Mario Angelelli, Mattia Cefis, Maurizio Carpita, Enrico Ciavolino	
16:30 - 17:00	
Coffee break	
18:30	
Visit to "Refugios de la Guerra Civil" (in city center)	
21:00	
Conference dinner: Restaurante Club De Mar Almería	2

October, 20			
9:00 - 9:30			
Visit to: Natural History Pavilion (Universidad de Almeria)			
9:30	- 10:30		
Plenary: Team ranking. Criteria toward the best hierarchical choice. (Conference room) Speaker: Marcel Ausloos Chair: Roy Cerqueti			
10:30	- 11:00		
Coffe	e break		
11:00	- 12:30		
Session 1 (Seminar room)	Session 2: Financial and actuarial models for decision making in the welfare systems. (Meeting room 1.44)		
Chair: Juan Evangelista Trinidad Segovia	Chair: Paolo De Angelis		
Title: How quality factors affect patient satisfaction in the Spanish healthcare system	Title: A risk-based model for the replacement rate evaluation in a defined contribution pension scheme		
Authors: <u>Paula Ortega Perals</u> , Salvador Cruz Rambaud, Javier Sánchez García	Authors: <u>Fabio Baione</u> , Paolo De Angelis		
Title: On the usage of regulation-based investment policies of mutual funds: A performance comparison. <i>Authors:</i> <u>Edvinas Grizickas Sapkute</u> , Miguel Ángel Sánchez Granero, Juan Evangelista Trinidad Segovia	Title: The ESG score and the corporate finance ratios: the case of Europe Authors: Rita L. D'Ecclesia, <u>Susanna</u> <u>Levantesi</u> , Kevyn Stefanelli		
Title: Beta is not dead: developed markets vs. emerging markets <i>Authors: Laura Molero González, Juan E.</i> <i>Trinidad Segovia, Miguel A. Sánchez Granero</i> Title: ANALYSIS OF THE LAW OF FALLING RATE OF PROFIT FOR THE EUROPEAN CASE <i>Authors: <u>Victor Manuel</u></i>	Title: New method to solve integral equations for variable annuities evaluation with stochastic volatility Authors: Immacolata Oliva, Roberto De Marchis, Antonio Martire Title: How health-related issues in ESG insurance industry can influence adverse selection Authors: Maria CARANNANTE, Valeria D'AMATO, Massimiliano MENZIETTI, Steven HABERMAN		
10.20			
	- 12:45 ce ending (Conferences room)		
	- 13:30		
Lunch			

POSTER SESSION (Room 0.07)

Posters will be available to view throughout the conference. During dedicated poster session time blocks in the conference schedule, presenters will be available at their posters to discuss their research and programs. Attendees can use this one-on-one time with presenters to learn more, ask questions, and talk through implications for their own researches.

Poster	Author(s)		
Research Evaluation with Neural Networks	Joseph Andria and Giacomo di Tollo		
Public value measurement in complex systems. Managing strategic decisions in complexity	Paolo Esposito		
A dynamic approach of AHPSortII to classify STEM master's courses in Italy	Gerarda Fattoruso, Paola Mancini, Gabriella Marcarelli		
Tourism facilities as a case study for Group-PAHP consistency checks during the COVID-19 epidemic	Gerarda Fattoruso, Maria Grazia Olivieri		
Bayesian Space-TimeModeling of Ischemic Stroke Incidence andMortalityin Almería Using INLA	Adrián Aparicio-Mota, José María López-Martín, Juan Manuel García- Torrecillas		
A Fuzzy-Based Thematic Classification Method for the Real Albergo dei Poveri, Naples (Italy)	Sabrina Sacco, Ferdinando Di Martino, Maria Cerreta		
Real option assessment. Application to the stock market	Salvador Cruz Rambaud, Giacomo di Tollo, Ana María Sánchez Pérez		
A measure of Association for three- way data table with ordered alternatives	Biagio Simonetti, Raffaela Ciuffreda		

CHAIR



Salvador Cruz Rambaud was born in Cádiz, Spain, in 1957. He received the degree in Mathematics from the University of Granada, Spain, in 1981; later, he received the degree in Economics and the Ph. D. degree in Economics and Business from the Open University, Madrid, Spain, in 1991 and 1994, respectively. In 1992, he joined the Department Accounting and Finance, University of Almería, as a lecturer, where he became an Associate Professor in 1996, and a Professor in 2010. His current research interests include anomalies in intertemporal choice, mathematical analysis of financial operations and elicitation of new statistical distributions in Finance. Currently, he is an associate editor of Frontiers in Public Health, Risks, Cost Effectiveness and Resource Allocation, Global Health Economics and Sustainability,

Humanities & Social Sciences Communications and Studies of Applied Economics. In addition, he has served as a referee in numerous prestigious journals. Finally, he has visited the following universities: Università "Federico II" of Naples (Italy), UCLA (University of California, Los Angeles, USA), Emory University (Atlanta, USA) and the University of Illinois at Urbana-Champaign (USA).



Claudiu Herteliu holds a PhD granted in 2007 by University of Economic Studies, Bucharest, Romania. He started teaching in 2002 as teaching assistant, currently he is full professor at Statistics and Econometrics Department from the same university. He worked with quantitative methods in Education and Research Ministry (2001-2008) and National Institute of Statistics (2008-2011). He had managerial responsibilities as The Dissemination of Romanian Statistical Information Activity or vice-dean of the Faculty of Economic Cybernetics, Statistics and Informatics (2012 – present) and member of University Senate (2012 – present). Main areas of research interests are: statistics and econometrics; quantitative methods in religion; scientometrics, health-metrics, statistical artefacts.



Massimo Squillante is Full Professor of Mathematical Methods of Economics and Actuarial and Financial Sciences; Representative of the University of Sannio in the CISA (Interacademic Center for Actuarial Sciences and the study of risks); Member of the Accademia Peloritana dei Pericolanti, class of Physical, Mathematical and Natural Sciences; Member of the Pontanian Academy; Scientific director of the "I Lincei per la scuola, Benevento"; President of the ASN Commission for SC 13D4; President of the Scientific Committee of Futuridea Research and Development Center. He has been Director of the Department of Law, Economics, Management and Quantitative Methods of the University of Sannio; Vice Rector of the University of Sannio; Dean of the Faculty of Economics and Business Sciences of the University of Sannio.

He is the author of numerous international scientific publications on models for economic and social systems; he has delivered seminars and conferences in international universities (Durban, Brno, Linz, Ohio, Seville, New York, Havana, La Sorbonne, NEOMA bs, etc.). He was awarded the Anassilaos-Pythagoras of Samos Prize 2018. He is a member of the Editorial board of: Soft Computing (Springer), Ratio Mathematica, Complex and Intelligent Systems (Springer), Progress in Computational Intelligence (Springer)

STEERING COMMITTEE

First name	Last name	Research field	Affiliation	Country
Michael	Campbell	Artificial Intelligence and Econophysics	Aurislink	USA
Bice	Cavallo	Applied Mathematics	University of Naples Federico II	Italy
Roy	Cerqueti	Applied Mathematics Statistics	University of Rome La Sapienza	Italy
Gerarda	Fattoruso	Applied Mathematics	University of Sannio	Italy
Francesca	Perla	Applied Mathematics	University Parthenope Naples	Italy
Javier	Sánchez García	Finance	Universidad de Almeria	Spain
Biagio	Simonetti	Statistics	University of Sannio	Italy
Juan Evangelista	Trinidad Segovia	Finance	Universidad de Almeria	Spain
Antonio	Violi	Applied Mathematics	University of Sannio	Italy

ORGANIZING COMMITTEE

First name	Last name	Research field	Affiliation	Country
Raffaela	Ciuffreda	Statistics	University of Sannio	
Silvia	Bortot	Decision Making	University of Trento	Italy
Tiziana	Ciano	Applied Mathematics	University of Aosta	Italy
María Pilar	Casado Belmonte	Accounting	Universidad de Almeria	Spain
Giacomo	di Tollo	Applied Mathematics	University of Sannio	Italy
Alessia	Donato	Applied Mathematics	University of Messina	Italy
Elisa	Fiorenza	Statistics	University Mercatorum	Italy
Ludovico	Mascia	Graphics	MIUR	Italy
María José	Muñoz Torrecillas	Finance	Universidad de Almeria	Spain
Maria Grazia	Olivieri	Applied Mathematics	University eCampus	Italy
Ana María	Sánchez Pérez	Finance	Universidad de Almeria	Spain
Salvatore	Scognamiglio	Applied Mathematics	University Parthenope	Italy

SCIENTIFIC COMMITTEE

First name	Last name	Research field	Affiliation	Country
Amjad D.	Al-Nasser	Statistics	Irbid University	Jordan
Marcel	Ausloos	Physics	University of Liege	Belgium
Achille	Basile	Applied Mathematics	University of Naples Federico II	Italy
Augusto	Bellieri dei Belliera	Applied Mathematics	Interacademic Center for Actuarial Studies and Risk Management	Italy
Fouad	Ben Abdulaziz	Decision Making	NEOMA BS	France
Matteo	Brunelli	Applied Mathematics	University of Trento	Italy
Alessio	Cavicchi	Economics	MUR	Italy
Maria	Cerreta	Appraisal and evaluation	University of Naples Federico II	Italy
Raffaele	Cerulli	Operational Research	University of Salerno	Italy
Mario	Ciaburri	Management	ISSNOVA	Italy
Enrico	Ciavolino	Psychometrics and Statistics	University of Salento	Italy
Andrea	Consiglio	Applied Mathematics	University of Palermo	Italy
Salvatore	Corrente	Applied Mathematics	University of Catania	Italy
Livia	D'Apuzzo	Applied Mathematics	University of Naples Federico II	Italy
Paolo	De Angelis	Applied Mathematics	University of Rome Sapienza	Italy
Antonio	Di Nola	Mathematics	Italian Society for logics	Italy
Paolo	Esposito	Management	University of Sannio	Italy
Michele	Fedrizzi	Applied Mathematics	University of Trento	Italy
Massimiliano	Ferrara	Applied Mathematics	University Mediterranea of Reggio Calabria	Italy
Giovanni	Filatrella	Phisics	University of Sannio	Italy
Pier Paolo	Forte	Law	University of Sannio	Italy
Maria Incoronata	Fredella	Environmental Risk	EPOS ERIC	Italy
Serge	Galam	Physics	CNRS	France
Marcello	Galeotti	Galeotti	CISA (Firenze)	Italy
Michele	Gallo	Statistics	University of Naples "L'Orientale"	Italy
Rosa	González Rodríguez	Statistics	University of Sevilla	Spain
Carmine	Granada	Phisics	University of Campania Vanvitelli	Italy
Rosanna	Grassi	Applied Mathematics	University of Milano-Bicocca	Italy
Salvatore	Greco	Applied Mathematics	University of Catania and University of Portsmouth	Italy, UK
Luca	Grilli	Optimization	University of Foggia	Italy

Alessio	Ishizaka	Decisions	NEOMA BS	France
Janusz	Kacprzyk	Soft Computing	Polish Academy of Sciences	Poland
Lucia	Maddalena	Applied Mathematics	University of Foggia	Italy
Mauro	Maldonato	Psychology	University of Naples Federico II	Italy
Antonella	Malinconico	Finance	University of Sannio	Italy
Gelina	Maliqi	Statistics	University of Tirana	Albania
Gabriella	Marcarelli	Applied Mathematics	University of Sannio	Italy
Ricardo Alberto	Marques Pereira	Applied Mathematics	University of Trento	Italy
María José	Muñoz Torrecillas	Finance	Universidad de Almeria	Spain
Bruno Antonio	Pansera	Applied Mathematics	University Mediterranea of Reggio Calabria	Italy
Roberta	Mongillo	Law	University of Sannio	Italy
Panos	Pardalos	Optimization	University of Florida	USA
José Ramos	Requena	Finance	Universidad de Almeria	Spain
Giulia	Rotundo	Applied Mathematics	University of Rome Sapienza	Italy
Michelangelo	Russo	Urban planning	University of Naples Federico II	Italy
Paolo	Silvestrini	Phisics	University of Campania Vanvitelli	Italy
Roman	Slowinski	Operations Research and Computational Intelligence	Poznań University of Technology	Poland
Barbara	Vantaggi	Probability	University of Rome La Sapienza	Italy
Aldo G.S.	Ventre	Applied Mathematics	Accademia Peloritana dei Pericolanti	Italy
Viviana	Ventre	Applied Mathematics	University of Campania Luigi Vanvitelli	Italy
Ronald	Yager	Information Systems	Yona College, NYC	USA