

Emanuele Borgonovo

FULL PROFESSOR

Decision Analysis

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Biografia

Professore Ordinario del Dipartimento di Scienze Delle Decisioni presso l'Università Bocconi.

PhD in Probabilistic Risk Assessment, Massachusetts Institute of Technology, Cambridge (MA), USA, 2001

Laurea in Ingegneria nucleare, con specializzazione in Matematica e Fisica per le Nuove tecnologie, Politecnico di Milano, 1998

Ha inoltre svolto corsi avanzati di specializzazione presso Harvard University e MIT Sloan School of Management

Professore di Decision Sciences & Business Analytics e Direttore del Management Science Laboratory della SDA Bocconi Business School

E' stato Direttore del Centro di Ricerca ELEUSI dell'Università Bocconi dal 2008 al 2012

E' presidente del comitato tecnico per l'Analisi di Incertezza della Associazione Europea per la Sicurezza e Effidabilità (ESRA)

Ha vinto numerosi premi nazionali e internazionali, tra cui la McCormack Fellowship della Westinghouse Corporation nel 2000. E' stato nominato membro onorario della Sigma XI , la Scientific Research Society of North America e di Alpha Nu Sigma, la società onoraria della American Nuclear Society, di cui è stato presidente della sua sezione MIT nel 2000. Gli sono stati assegnati il Best Reviewer Award 2013 della rivista Risk Analysis, il 2013 Best Reviewer Award di Reliability Engineering and System Safety, il best Reviewer Award dell' European Journal of Operational Research 2012 e 2010, e il 2012 Best Reviewer Award di Environmental Modelling & Software. Ha vinto il Premio Eccellenza di Ricerca dell'Università Bocconi per nove anni consecutivi dal 2006 ad oggi

Ha ideato numerosi nuovi metodi di analisi di sensibilità, tra cui la Misura importanza differenziale (DIM). DIM è stata presentata alla US Nuclear Regulatory Commission nel 2000 e , dal 2002, è inclusa nella "Probabilistic Risk Assessment Procedures Guide of NASA Managers and Practitioners"

E' stato Guest Lecturer e relatore invitato a convegni e seminari in numerose università, tra cui: Massachusetts Institute of Technology (USA), City University of Hong Kong, Fudan University (Shanghai China), Karlsruhe Institute of Technology, Ecole Central Paris, Ecole Supérieure de Cachan (Paris), Université de Technologie de Troyes, Swiss University of Lugano, etc.. Ha partecipato e condotto diversi progetti di ricerca in collaborazione con gli Idaho National Laboratories, il Joint Research Center dell'European Commission, Électricité de France, Fitch Ratings SpA , SAS Institute, Fidia Farmaceutici SpA.. E' membro dell'Editorial Board di European Journal of Operational Research, Risk Analysis, Reliability Engineering & System Safety, International Journal of

Mathematics in Operational Research, International Journal of Risk Management, International Journal of Business Logistics, International Journal of Service Oriented Computing and Manufacturing and of Economia&Management

E 'autore di oltre 100 pubblicazioni. I suoi lavori sono apparsi su riviste internazionali quali Journal of the Royal Statistical Society series B, Management Science, Operations Research, European Journal of Operational Research, Risk Analysis, Reliability Engineering & System Safety, International Journal of Production Economics, etc.

Aree di interesse e di ricerca: Risk Analysis, Decision Analysis, Uncertainty and Global Sensitivity Analysis, Agent-Based Simulation

ARTICOLI SU RIVISTA SCIENTIFICA

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BORGONOVO E.

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LIBRI DI TESTO

BORGONOVO E., FEIN D., POLI E., VENTURINI S.

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BORGONOVO E., CASELLI S., CILLO A., MASCIANDARO D., RABITTI G.

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NOTE DI RICERCA O BREVI ARTICOLI SU RIVISTA

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Grants & Premi

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Excellence in Teaching Award – Università Commerciale Luigi Bocconi , 2020

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Teaching Excellence Award – Università Commerciale Luigi Bocconi , 2015

Best Risk Analysis Paper Award, from 'Risk Analysis, an International Journal' for the paper: "Uncertainty in Climate Change: Can Global Sensitivity Analysis be of Help?", with B. Anderson, M. Galeotti and R. Roson – SRA – Society for Risk Analysis , 2014

Best Reviewer Award 'European Journal of Operational Research' , 2013

Best Reviewer Award 'Reliability Engineering and System Safety' , 2013

Best Reviewer Award 'Risk Analysis' , 2013

Best Research Paper Award from the journal 'Economia & Management' – SDA Bocconi School of Management , 2012

Best Reviewer Award 'Environmental Modelling and Software' , 2012

Research Excellence Award – Università Commerciale Luigi Bocconi , 2012

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