

Maggio 2013

Curriculum vitae di Gianpaolo Scalia Tomba

Gianpaolo Scalia Tomba, nato a Stoccolma (Svezia), il 24 agosto 1955. Laurea in Matematica e PhD in Statistica Matematica all'Universita' di Stoccolma (Svezia).

Attivo in ricerca teorica e applicata e insegnamento di matematica, calcolo delle probabilita', statistica matematica e medica dal 1976. Dal 1992, professore associato di calcolo delle probabilita' e statistica matematica (MAT/06), prima all'Universita' di Roma La Sapienza e, dal 2001, all'Universita' di Roma Tor Vergata.

L'attivita' principale di ricerca e' rivolta alla formulazione e allo studio di modelli matematici per la diffusione di malattie infettive in popolazioni umane e allo studio di metodi statistici per l'analisi di dati d'interesse per tali modelli. Numerose sono anche le collaborazioni modellistiche e statistiche in vari progetti di interesse medico, biologico e sociologico.

Attività recenti

Come esempi dell'attività in anni recenti, nel periodo 2003-2013 oltre all'insegnamento e alla ricerca già descritti sopra, la partecipazione a numerosi convegni nazionali e internazionali, seminari presso dipartimenti universitari e istituti di ricerca italiani ed esteri, relatore o controrelatore a tesi italiane ed estere, commissario in varie commissioni di dottorato, esperto statistico presso le istituzioni EU EMEA (farmaci), EMCDDA (tossicodipendenza) e ECDC (malattie infettive), membro della sottocommissione ministeriale del CCM (Min Salute) per il Piano Nazionale Pandemico e della commissione ISS per la Valutazione di trial fase I di farmaci, valutatore di progetti di ricerca nel programma EU FP7. Partner in 3 progetti di ricerca EU FP6 (POLYMOD, INFTRANS, MODELREL) e in 1 nazionale (EPICO), tutti con temi di ricerca relativi a modellizzazione e inferenza per pandemie e malattie, partecipazione a 2 progetti commissionati dalle agenzie europee EMCDDA (metodi statistici per la stima dell'incidenza della tossicodipendenza) e ECDC (studio dei problemi statistici legati all'inferenza circa il "generation time" di varie malattie). Partecipazione al progetto europeo FP7 FLUMODCONT su modelli di trasmissione dell'influenza e metodi inferenziali per parametri di modelli epidemici. Recentemente, partner in un progetto di ricerca EU del DG Justice sulla stima della tossicodipendenza e il mercato della droga. Referee per numerose riviste.

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Curriculum vitae of Gianpaolo Scalia Tomba

Gianpaolo Scalia Tomba, born in Stockholm (Sweden), August 24th 1955. Degree in Mathematics and PhD in Mathematical Statistics at the University of Stockholm (Sweden). Active in theoretical and applied research and teaching of mathematics, probability theory, mathematical and medical statistics since 1976. Since 1992, associate professor of probability theory and mathematical statistics (MAT/06), first at the University of Rome La Sapienza and, since 2001, at the University of Rome Tor Vergata.

Main research interests involve the study of mathematical models for disease spread in human populations and statistical methods for the analysis of data relevant to such models, but also modelling and statistical applications in medicine, biology and sociology.

Recent activities

As examples of activities in recent years, in the period 2003-2013, in addition to the research activities above, one can cite the participation in numerous national and international conferences, lectures at various university departments and research institutes, in Italy and abroad, being advisor or opponent to several theses in Italy and abroad, member of various doctoral committees, statistical expert at the EU agencies EMEA (pharmaceutical drugs), EMCDDA (illicit drugs) and ECDC (infectious diseases), member of a ministerial committee for the formulation of the Italian pandemic Plan, member of an ISS commission for the evaluation of Phase 1 trials, project evaluator for EU FP7, partner in 3 EU FP6 projects (POLYMOD, INFTRANS, MODELREL) and one national project (EPICO), all related to modelling epidemic and pandemic spread and interventions, and to 2 projects commissioned by the EU agencies EMCDDA (statistical methods to estimate drug use incidence) and ECDC (inference on generation times for infectious diseases). More recently, participation in the EU FP7 project FLUMODCONT on influenza transmission and in a EU DG Justice project on estimation of drug use and the drug market. Referee to several international journals.

Pubblicazioni scelte/ Selected publications

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