MARCO VALTORTA (Ph.D., Duke University, 1987) is a professor of Computer Science and Engineering in the College of Engineering and Computing at the University of South Carolina. He received a *laurea* degree with highest honors in electrical engineering from the Politecnico di Milano, Milan, Italy, where he studied with Marco Somalvico, in 1980. After his graduate work in Computer Science at Duke University with Donald W. Loveland, he joined the Commission of the European Communities in Brussels, Belgium, where he worked as a project officer for ESPRIT (the European Strategic Programme in Information Technologies) from 1985-1988. In August 1988 he joined the faculty at USC in what was then the Department of Computer Science. He spent much of his sabbatical year (1999-2000) in the Decision Support Systems group of the Department of Computer Science of Aalborg University in Denmark. His research interests are in Artificial Intelligence. His first research result, known as "Valtorta's theorem" and obtained in 1980, was recently (2011) described as "seminal" and "an important theoretical limit of usefulness" for heuristics computed by problem relaxation. Most of his later research has been in the area of uncertainty in artificial intelligence. His theoretical and methodological contributions include results on the complexity of theory revision, algorithms for learning Bayesian networks from large data sets, algorithms for the identification of conflicts in Bayesian networks, algorithms for probability update in the presence of uncertain information and, most recently, results on the identifiability of parameters in causal Bayesian networks. His applied work includes the construction of Bayesian networks and influence diagrams in medicine, agriculture, computer security, and information analysis. Prof. Valtorta's work was funded by ONR, DARPA, and ARDA, among other sources. He has around 70 peer-reviewed publications in journals and highly selective conferences such as *Artificial Intelligence*, *International Journal of Approximate Reasoning*, *ACM Journal of Data and Information Quality*, *IEEE Transactions on Instrumentation and Measurement*, International Joint Conference on Artificial Intelligence, and Conference on Uncertainty in Artificial Intelligence. His students have been best paper award winners at the Conference on Uncertainty in Artificial Intelligence (1993, 2006) and the International Conference on Information Quality (2006). He was a Lilly teaching fellow at in 1993-94 and undergraduate director for the Department of Computer Science from 1993-1999. He is particularly interested in advising and mentoring undergraduate students. He was awarded the College of Science and Mathematics Outstanding Advisor Award in 1997. In addition to his teaching and research activity, he has served in numerous capacities at the departmental (e.g., chair of the T&P committee and of the colloquium committee), college (e.g., CEC scholarships committee), and university level (e.g., faculty senator, committee on curricula and courses, committee on instructional development, committee on tenure and promotion, which he currently chairs). He was an associate editor of the *International Journal of Approximate Reasoning* from 1993-2008 and has been involved in the organization and review of many conferences and workshops.