



Cristiano Alexandre Virginio Cavalcante

PSAM12 Speaker Bio

Multidimensional risk evaluation: assigning priorities for actions on a natural gas pipeline.

Short Statement: I am one of the authors and the speaker of this paper.

BIOGRAPHY

Cristiano Cavalcante is lecturer in Operational Research and Logistics at the Universidade Federal de Pernambuco (UFPE), at the production engineering department. He obtained his Ph.D in 2005 from the Universidade Federal de Pernambuco for work on Multicriteria Decision Models to Support Maintenance Problems. He has published more than 15 articles on multicriteria decision models, maintenance and Reliability modeling in Reliability Engineering and System Safety, European Journal of Operational Research, IEEE Transactions on Reliability, International Journal of Production Economics, IMA Journal of Management Mathematics, Journal of Quality in Maintenance Engineering and others. His research interests include maintenance modelling, maintenance policies, and Multi-Criteria Decision Support. Dr Cavalcante is a Fellow of the INFORMS and IEEE society. Also, He is the leader of RANDOM (Research Group on Risk and Decision Analysis in Operations and Maintenance) and makes part of CDSID (Center for Decision Systems and Information Development).

