

Curriculum Vitae

INFORMAZIONI PERSONALI

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ATTIVITA' DIDATTICA

She teaches Industrial Plants in Managerial and Computer Engineering bachelor degree

PUBBLICAZIONE

International Conferences

1. Certa A., Enea M., Galante G., La Fata Concetta Manuela, "Multi-skilled human resources allocation in R&D projects", Proceedings MITIP 2006, Budapest, 11-12 settembre 2006, pp. 573-578.
2. Certa A., Enea M., Galante G., La Fata Concetta Manuela, "Project manager assignment by fuzzy inference and mathematical programming", Proceedings of 22nd IPMA World Congress "Project Management to Run", 9-11 November 2008, Roma.
3. Antonella Certa, Giacomo Galante, Toni Lupo, Gianfranco Passannanti "*Optimal Maintenance For a System with Required Reliability*". Proceedings of the 18th International Conference on Flexible Automation and Intelligent Manufacturing (FAIM 2008) Skövde, Svezia. luglio 2008, vol. 1, pp. 357-364, ISBN/ISSN: 978-91-633-2757-5.
4. Antonella Certa, Giacomo Galante, Toni Lupo, Antonino Passannanti, Gianfranco Passannanti, "A model for a periodic preventive maintenance policy for a series parallel system". Proceedings of the 19th International Conference on Flexible Automation and Intelligent Manufacturing (FAIM 2009) Middlesbrough, UK. 06 - 08 luglio 2009, pp. 1034-1041, ISBN978-0-9562303-3-1.
5. Antonella Certa, Giacomo Galante, Toni Lupo, Gianfranco Passannanti, "Robust Maintenance Scheduling for Reliability Maximization". Proceedings of the 19th International Conference on Flexible Automation and Intelligent Manufacturing (FAIM 2009) Middlesbrough, UK. 06 - 08 luglio 2009, pp. 1026-1033, ISBN978-0-9562303-3-1.
6. Certa A., Galante G., La Fata C. M., Passannanti G., "Optimal selection of maintenance actions on a multi-component system", Proceedings of ICAM 2010, 3rd International Conference on Advanced Manufacture, 2010, Kenting-Taiwan, 2-5 february 2010, pp.538-542.
7. Certa A., Enea M., Galante G., "A Fuzzy inference model for the layout design", XVI Summer XVI Summer School "Francesco Turco" Industrial Mechanical Plants - SSD ING-IND/17 Abano Terme (Padova, Italy) - 14-16 September 2011.
8. Certa A., Enea M., Galante G., Lupo T., A Multi-Objective Approach to Optimize a Periodic Maintenance Policy. In: Proceeding of 18th ISSAT International Conference on Reliability and Quality in Design-Boston. Boston USA-26-28 Luglio 2012.

9. Certa A., Enea M., Galante G., "Measures of performance for the portfolio management", XVII Summer School "Francesco Turco" Industrial Mechanical Plants - SSD ING-IND/17 Venezia (Padova, Italy) - 12-14 September 2012.

Publications on International Journals

10. Berrittella M., Certa A., Enea M., Zito, P., "Transport policy and climate change: how to decide when experts disagree", *Environmental Science & Policy*, 11(4), 2008, pp.307-314.

11. Aiello G., Certa A., Enea M., "A Fuzzy Inference Expert System to Support the Decision of Deploying a Military Naval Unit to a Mission", *Lectures Notes in Computer Science*, 2009, pp. 320-327. Springer Verlag.

12. Certa A., Enea M., Galante G., La Fata Concetta Manuela, "Multi-objective Human Resources Allocation in R&D Projects Planning", *International Journal of Production Research*, 47 (13), 2009, pp. 3503-3523.

13. Certa A., Galante G., Lupo T., Passannanti G., "Determination of Pareto frontier in multi-objective maintenance optimization", *Reliability Engineering & System Safety*, 96 2011, pp. 861–867.

14. Certa A., Mario E., Galante G., Lupo T., "A Multi-Objective Approach to Optimize a Periodic Maintenance Policy", *International Journal of Reliability, Quality and Safety Engineering*, Vol. 19, No. 6 (2012), **Published 3 January 2013**.

15. Certa A., Mario E., Lupo T., "ELECTRE III to dynamically support the decision maker about the periodic replacements configurations for a multi-component system, Vol 55, pag. 126–134, 2013.

National Conferences

16. Aiello G., Certa A., Enea M., Galante G., La Scalia G. "Recupero dei fanghi di segazione dell'industria marmifera trapanese". XXXII Convegno Nazionale ANIMP OICE UAMI, Rimini, 6-7 ottobre 2005.

17. Caminiti D., Carbone G., Certa A., Galante G., Lo Presti M, Salomone M., "Criteri di valutazione nelle attività decisionali di una azienda di trasporto tranviario". 3° Convegno nazionale sistema tram, Roma, 19-20 giugno 2008, pp. 1-10.

18. Certa A., Ingarao G., Di Lorenzo R., Galante G. "Tecniche di ottimizzazione multi-obiettivo e metodologie di supporto alle decisioni per la progettazione di processi di stampaggio di lamiera" Atti del 1° Congresso Nazionale del Coordinamento della Meccanica Italiana, Palermo, 20-22 Giugno 2010.

Publications on national Journals

19. Antonella Certa, Mario Enea, "Uno strumento per la valutazione multicriterio dei progetti in ambito F.S.E". Azienda Pubblica, teoria e problemi di management, n°4, Maggioli Editore, 2008, pp. 445-475.

20. An Analytic Hierarchy Process for The Evaluation of Transport Policies to Reduce Climate Change Impacts, Berrittella M., Certa A., Enea, M. Zito, nota di lavoro 12.2007, Fondazione ENI Enrico Mattei.

Publications on Books

21. Antonella Certa, Mario Enea, Antonio Giallanza, "A Synthetic Measure for the Assessment of the Project Performance", Business Performance Measurement and Management, Springer Berlin Heidelberg, Part 5, 2010, pp. 167-180, ISBN: 978-3-642-04799-2.

22. Antonella Certa, Mario Enea,, Giacomo Galante, Manuela La Fata, "A Project Manager Suitability Parameter in Project Accomplishment", Business Performance Measurement and Management, Springer Berlin Heidelberg, Part 5, 2010.pp. 181-194, ISBN: 978-3-642-04799-2.

AMBITI DI RICERCA

The research interests are mainly focused on project management, multi-criteria analysis

and maintenance optimization models.