

Claudio PREGAGNOLI

Contacts

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Education

- Master in “Scientific Computing” Rome University “La Sapienza” Faculty of Mathematics (attending at moment)
- Post-graduate course on “Cognitive Psychology and Artificial Neural Networks”, year 1993, University of Rome “La Sapienza”.
- Physics degree in Nuclear Physics, year 1989, University of Rome “La Sapienza”.
- Technical high school diploma in Electrotechnics, year 1979, I.T.I.S. “Galileo Ferraris”, Rome.

Published Papers:

- GANDINI A., SARGENI A., PREGAGNOLI C.: "The modified standard method for flux perturbation analysis". International Conference on the physics of reactors: operations, design and computation. Marsille - France, April 23-26, 1990.
- PREGAGNOLI C., MELANDRI R: "Rete neurale di oscillatori di Fitzhug-Nagumo" in Comunicazioni della facoltà di Psicologia (numero speciale) Settembre 1994.
- L. Lanuzza, D. Consoli, F. Bizzarri, C. Pregagnoli, D. Masci, G. Campagna, D. Mucci, L. Ercolani, V. Tommasi, C.: “BATTERY ENERGY STORAGE AND ADVANCED FORECAST INTEGRATION IN LARGE SCALE PV PLANT ENABLING ACTIVE RES INTEGRATION IN THE GRID” European Photovoltaic Solar Energy Conference and Exhibition (EU PVsec2015)
- Claudio Pregagnoli, Federico Fioretti, Fabrizio Bizzarri, Gianmatteo Cirillo, Umberto De Angelis, Francesca Marcucci, Lucio Torrisi, Roberto Tajani: “Analysis of Limited Area Models” Aeronautica Militare Italiana, Rivista Meteo

Working Experience

April 1983 – to date. Primary Company in Energy sector

June 2009 – to date.

- Design methodologies and models for forecasting power production and market quantities.
- Implementation of the related models within system, assessing the performance and effectiveness related to external benchmarks and market requirements;
- Handle the study and development of new Energy Management IT systems for the Area, as well as the update of the existing ones.
- Development and management performance control system, calculation of key performance indicators related to production planning, actual production and energy sales. Constant monitoring and analysis.

2008 –2009. Program Manager for SAP system development at International Group level

2006 – 2008. Project Manager for Forecasting regarding Fuel, Trading and Risk Management projects.

2002 – 2006. Senior Market analyst

In charge of design and implementation models for simulation and analysis of european power markets. Demand forecast and segmentation models. Design and implementation of IT systems to support the analysis

1997 – 2002.

Program planner – Integration manager - Project manager of:

- SAP Project including Reengineering, Implementation, Change Management activities.
- Trading of Electric energy
- Energy management Data Analysis

1992 - 1997.

- Energy Management Database design
- Reengineering of the “Off-Line” system of the NCC.
- Time series analysis and forecasting of electric load, active and reactive power.

1983 – 1992 Engineering and Construction

Member of the IT department of the Power Plants Building Division, involved in:

- Analysis and development of computer programs.
- Conceptual database design
- Logic and physic design of database .
- DataBase and System administration
- Structured and Object Oriented analysis.