

CECILIA DE LA GARZA CORONA

Maître de Conférences

University of Paris V
Software Ergonomics Lab. /Laboratoire d'Ergonomie Informatique L.E.I.
45, rue des Saints-Pères 75006 Paris France
Tel. : +33 (0)1 42 86 21 35
E-mail : cecilia.de-la-garza-corona@univ-paris5.fr

EDUCATION

Habilitation à Diriger des Recherches (HDR) –University René Descartes Paris V (2004).

PhD ergonomics - École Pratique des Hautes Études (E.P.H.E.), Laboratory of physiological & cognitive ergonomics (L.E.P.C.), Paris (1995)

TEACHING EXPERIENCE

Pre-graduate and post graduate teaching

- Licence of Psychology (Introduction on ergonomics & work & organizational psychology)
- Master of Psychology, option Work and Organizational Psychology (Management & Prevention of the occupational risks)
- Master of Ergonomics (professional) : Methods & techniques for the work analysis on ergonomics
- Master of Ergonomics (professional) : Analysis of occupational accidents, safety & system's reliability
- Master of Ergonomics (research) : Collective work & impacts on health & safety & on the system's reliability

RESEARCH:

Research interest

Occupational accidents
Risk management in organizations
Prevention in work settings
Activity analysis for training

Research network

National Institute for Research & Safety (INRS, Nancy)
Laboratory of Physiological & Cognitive Ergonomics of The Ecole Pratique des Hautes Etudes (Paris)

Recent publications

1. De la Garza C. (1997). Incidental and accidental process on railway maintenance : individual and collective failures. *From experience to innovation*, Proceedings of the 13th IEA Congress, vol. 6, Tampere, Finland.
2. De la Garza C. (1999). Fiabilité individuelle et organisationnelle dans l'émergence de processus incidentels au cours d'opérations de maintenance. *Le Travail Humain*, 62(1), 63-91.
3. De la Garza C. (2000). L'activité de diagnostic dans un système dynamique : le cas du dépannage d'installations de signalisation ferroviaire. *Revue Européenne de Psychologie Appliquée*, 50 (1), 39-48.
4. De la Garza C. (2005). L'intégration de la sécurité lors de la conception de machines à risques pour les opérateurs: comparaison de logiques différentes de conception. *Pistes*, <http://pettnt/pistes/v7n1/articles/v7n1a2.htm>.
5. De la Garza C., Fadier E. (2005). Integration of safety into design process: a theoretical and practical approach in the printing sector for a proactive safety. *Journal of Cognition, Technology and Work* (in press).
6. De la Garza C., Maggi B., Weill-Fassina A. (1999). Tempo autonomia e discrezionalità nella manutenzione di infrastrutture ferroviarie/ Time, autonomy and discretion in railway maintenance. *Ergonomia*, n°12, pp. 36-43.
7. De la Garza, C., Fadier, E., (2004). *Working equipment design : comparison of safety modalities integration in two design departments*. International conference on Probabilistic Safety Assessment and Management, Proceedings of the PSAM7–ESREL'04, pp. 525-530, Berlin, Germany.
8. Fadier E., De la Garza C., Didelot A. (2003). Safe design and human activity : construction of a theoretical framework from an analysis of a printing sector. *Safety Science*, 41 (9), 759-789.
9. Fadier E., De la Garza C., Neboit M. (2003). Safety integration into the design process: how to exceed the normative and sequential approach? In H. Luczak and K. J. Zink (Editors). *Human Factors in Organizational Design and Management – VII*. pp. 353-358, Santa Monica : IEA Press. ISBN 3-928493-38-8.

PROFESSIONAL ACTIVITY:

- Participation to a training program on ergonomics for the staff. MERITOR Company. 1998-1999
- Consultant on ergonomics for the Institute of Radioactivity and Nuclear Safety (IRSN). 2005.
- Contracts with French National Railway, State Pension Scheme System

STAFF MOBILITY:

- Invited to the Catholic University of Santiago, Chile, ECOS Program – 1999
- Invited to the University of Porto, Portugal – 2002
- Invited to the University of Porto, Portugal, Erasmus program – 2005