



**NEW DESIGNERS FOR PRODUCTION PROCESSES  
HIGHLY ERGONOMIC AND SAFE**

## **ERGOMAN Final Workshop**

**Increase the work efficiency and productivity  
by the ergonomics improving at work**

**Turin, Italy, 19<sup>th</sup> September 2011**  
COREP, Corso Trento 13, Italy

**Deadline for registration: 15<sup>th</sup> September 2011**



## Workshop Introduction

Many technical and organizational factors can improve the efficiency of the production system but only one can improve efficiency and reduce risks for workers wellbeing. This factor is **ergonomics**.

The work optimization means less energy consumption for the worker, reducing the risk of biomechanical overload of the muscular skeletal system, but also reduce costs for modification of workstations, as well as reduce the time of development process, improving productivity.

To face these challenges professionals experiences and skills are very important and the set of competences needs to solve problems as early as possible (in the design phase of product and processes of production) are fundamental. Training and education can supply the right mix of knowledge and competences in the area of ergonomics and work design.

On the same level, other initiatives aimed at developing tools and methodologies for ergonomic design of work activity.

The workshop aims at giving an **overview on results obtained by these important initiatives**, starting from the ERGOMAN project (“New Designers for Production Processes Highly Ergonomic and Safe”) : this project aimed to develop a new professional profile and a training model able to satisfy the arising needs of industries and of work system more in general. Results will be shown by participants to the project.

Moreover through presentation of initiatives related to others regional projects, an overview on the new ergonomic approach will be given, describing the concept for a toolkit more and more oriented to the design.

The results achieved are focused on industry and SMEs across Europe and the next generation of ergonomist could be called “ergo-designers”. The new approach to the ergonomics the set of competences, the availability of tools and methodologies dedicated the design of work activity will involve managers, operations managers, engineers, health and safety practitioners, ergonomists, occupational health professionals and risk managers.

The follow-up of this projects can affect positively industry, SMEs and professionals (consultant) clarifying how to define ergonomics programs and how to integrate ergonomics in the design of work activity.

Finally, it should be highlighted that the new ergonomic approach is well integrated with the continues improvement techniques of production processes (i.e Kaizen or World Class Manufacturing more in general) by supporting and strengthening the best practices within the business processes.



## Programme

14.00 Welcome Coffee and Registration of participants

14.30 *An overview of Ergonomics in Italy*

Dott. Alessandro Baracco, Ergonomic Sector, AO. CTO Maria Adelaide, Turin

14.50 *The ERGOMAN Project*

Ing. Emanuela Ovcin, Consorzio per la Ricerca e l'Educazione Permanente, Italy

15.10 *Needs of ergonomic competences in workplaces design for industry: analysis result*

Ing. Massimo Di Pardo, Centro Ricerche Fiat, Italy

15.30 *A new competence profile for process ergo-designer*

Prof. Jurij Wakula, Technische Universität Darmstadt, Germany

16.00 *The Ergoman Training Model: Matching Ergonomics Training to Needs*

Prof. Leonard O'Sullivan, University of Limerick, Ireland

16.30 *Toolkit for designing of an Ergonomic workplace*

Prof. Maria Pia Cavatorta, Politecnico di Torino

## Workshop Programme and Organising Committee

- ✓ Ing. Emanuela Ovcin (Chairman), COREP, Italy
- ✓ Prof. Jurij Wakula, Technische Universität Darmstadt, Germany
- ✓ Prof. Leonard O'Sullivan, University of Limerick, Ireland
- ✓ Ing. Massimo Di Pardo, Centro Ricerche Fiat, Italy

## Language

The official language of the workshop is English.

## Fee

The participation to the workshop is free (no fee required).

## Important Dates

**September 15<sup>th</sup> 2011:** deadline for confirmation of participation to [infoergoman@corep.it](mailto:infoergoman@corep.it)  
(please send your name, affiliation, e-mail address).