

INAIL, THE NATIONAL INSTITUTE FOR INSURANCE AGAINST ACCIDENTS AT WORK

The institute

Inail, the National Institute for Insurance against Accidents at Work, is a public non-profit entity safeguarding workers against physical injuries and occupational diseases.

Inail's objectives are:

- reducing injuries
- protecting workers performing hazardous jobs
- facilitating the return to work of people injured at workplace.

In order to help reduce workplace accidents, Inail also realizes some important initiatives aimed at continuous monitoring employment and injuries trends, training and advice to small and medium-sized enterprises in the field of prevention, funding companies that invest in security .

Inail's figures show its presence all over the country. The following data are updated to 1st October 2013:

- 3,298,792 insured companies
- 3,780,412 territorial insurance positions managed by the Institute
- 608,877 revenues for accident at works managed by the Institute
- 191,162 revenues for professional diseases
- € 7,965,900,000 (approximately) revenues for insurance premiums (estimate)
- € 6,234,026,421 (approximately) expenditure for benefits (estimate).

Since 2010 Inail's tasks have also included the insurance against accidents at work and occupational diseases of maritime employees and ships crews registered in foreign compartments. Moreover, it is also responsible for research in the field of work accident prevention, safety at workplace, health in the living and working environment.

Ensuring the protection of workers and prevention in the workplace is one of the main objectives pursued by Inail. Through continuous innovation and policies to strengthen the territory, Inail provides information, training , assistance and advice concerning health and safety at workplace. Inail financially supports businesses - in particular medium and small enterprises, and the craft and agricultural businesses – that improve the levels of protection of the health and safety of workers and is actively involved in establishing interactions with institutions and the social partners and collaborations with organizations working in the same field.

INTEREST ON TOPIC: Pilots for an innovative human-centric industry (RIA)

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In relation to the technological evolution of the safety work systems, the Department of technological innovations and safety of plants, products and anthropic settlements promotes and carries out study, research and experimentation activities aimed at the development and validation of best practices, methods, risk management and assessment procedures in the field of safety of workers' living and working environments, safety of products, work equipment, machines and plants.

In this topic INAIL can provide a positive contribution in all the expected outcomes and in the cited themes such as:

- the participation of workers (as end-users) in the design of purposeful technology application in the work process,
- the application of technology to enhance the inclusivity of the work environment, the ways in which unskilled or low-skilled labour participate in a human-centric production process and the role of technology therein,
- how technological, process and organisational innovation can offer jobs that remain rewarding for the individual worker along the life cycle.

PEOPLE

We are researcher in the Department of technological innovations and safety of plants, products and anthropic settlements (DIT) at Safety of processing and production plants Lab.

- **Freda Daniela**

My research activities has been on physical ergonomics, with particular attention to thermal risks at workplaces.

It currently focuses on cognitive emotional and behavioural issues of human-machine-interface (HMI) design, to improve usability for a safer interaction. For the same purpose, I am studying inclusive aspects of design based on the human-centred approach.

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- **Ferraro Alessandra**

My research activities has been on safety of machines, with particular attention to safety requirements of handling machines and mobile elevating work platforms.

My research activity currently focuses on analysing and improving robotics and collaborative application. I developed a risk assessment of the control system for an Award in COVR Horizon project. I am studying robotic system requirements in order to design human centred application.

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