Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID-19. The COVID-19 resource centre is hosted on Elsevier Connect, the company's public news and information website.

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with lockdowns. Many such organizations have been reprioritising and changing methods of operation with regards protection of the safety and health of workers, control and assistance to the implementation of employment retention measures such as lay-offs, or changes in workplaces related to working time arrangements and other. Attention is and should also be paid to the safety and health of labour inspectors themselves when visiting workplaces. Presentation will revolve around the changes operated in labour As well as lessons learned and strategies to be deployed to ensure the effective discharge of labour inspectors’ duties now and in the post-COVID-19 future.

**Special Session 51 Pandemic and post-pandemic challenges, a vision of the Perosh network**

**Chair: Diana Gagliardi**

**Session introduction**

This session summarizes a part of the research activity led by 10 European institutes, members of Perosh (Partnership for European Research in Occupational Safety and Health) during the pandemic. It also emphasizes what we have learned to prepare for the future:

- preparedness to cope with another pandemic with better tools for infectious risk assessment,
- better understanding of factors ruling the efficiency of prevention measures,
- better knowledge of the psychosocial risks in the sectors of care during such crisis and leads to improve their prevention,
- observations in such an extreme situation with much more people working at home than before offered a lot of opportunities to understand the associated occupational risks.

**Sp51-1**

**Pandemic and post-pandemic challenges**

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Introduction: All institutes in the field of occupational safety and health had to provide quick answers to advise public authorities and companies, with questions such as personal protective equipment, risk assessment at the workplace, prevention measures and the impact of telework. In addition, the pandemic is likely to induce changes in the future work organization, for instance the use of information technologies at work. Eleven institutes presented their views at the occasion of the PEROSH 2022, 4th Research Conference conference in Madrid.

Materials and Methods: This presentation is a synthesis of seventeen talks. Various methods have been used, adapted to the urgency, consisting often in literature review, follow up of existing cohorts, specific survey and interviews.

Results: 1) Exposure assessment with two kinds of activity, one aiming at a better understanding of outbreaks at the workplace, the others aiming at the development of job-exposure matrices. 2) Compliance of prevention measures in companies, investigation of their effectiveness, and evolution of risk prevention induced by the pandemic. 3) Psychosocial risk in the care sector, factors modulating its effect, prevention measures. 4) Effect on health of massive telework and lessons which could be derived for the post pandemic world to implement telework in companies.

Conclusions: Although there is a wide spectrum of cultures among European countries and various research approaches, many conclusions are similar or complementary. These results will be useful to tackle new questions in the post pandemic world.

**Sp51-2**

**Risk analysis of Covid-19 in the workplace: practical approaches by activity sector in Italy**

**Fabio Bocconi, Giuliana Buresti, Diana Gagliardi, Bruna Maria Rondinone, Benedetta Persechino, Marta Petyx, Antonio Valenti and Sergio Iavicoli**

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Introduction: Italy was the first among western countries to face the spread of the Covid-19 pandemic. The progressive adoption of several containing measures by the Government during the first lockdown period from March 2020, encompassed the temporary suspension of non-essential business activities, resulting in a reduction of about 75% of workers present in their workplaces (including remote workers).

Materials and Methods: INAIL developed a methodology for assessing the risk of SARS-CoV-2 infection in the workplace to support the Government for a safe reactivation of businesses evaluating the impact of the modular reopening of work activities after the first lockdown period. The average risk classes have been associated to the number of employees by sector to take into account the potential impact on the mobility due to the commuting.

Results: Specific protocols for reopening activities have been developed for many sectors; these included administrative, preventive and protective measures to manage the risk in the workplace and mitigate the impacts for the community at large. Practical recommendations were allowed for public transport, manufacturing, meat processing and cutting plants, construction, schools, shopping malls and retail shops, catering services, seaside facilities and personal care services.

Conclusions: The proposed methodological framework has been adopted by the Italian Government to guide the prevention strategies and address the prioritization of the vaccination campaign in workplaces, with the final aim to contribute to the fastest achievement of the whole population immunity from Covid-19.

**Sp51-3**

**Infection Control Measures and Occupational Safety and Health in German Companies during and after the Covid-19 Crisis**

**Anita Tisch, Sophie-Charlotte Meyer, Sabine Sommer and Swantje Robelski**

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Introduction: All over Europe, occupational safety and health (OSH) gained importance during the Covid-19 pandemic. Most companies adapted many different OSH measures to cope with the risk of infection. Thereby, in German companies, the adoption of infection