



Network on the Coordination and Harmonisation of European Occupational Cohorts (OMEGA-NET): Achievements after 4 years of networking, collaboration, and training



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OMEGA-NET (COST Action CA16216)

About OMEGA-NET

- **Goal:** To create a network to optimize the coordination and use of occupational, industrial, and population cohorts in Europe to inform evidence-based interventions and policy
- **Timeframe:** October 2017 – April 2022
- **Funding:** EU Framework Programme Horizon 2020 European Cooperation in Science and Technology (COST)
- **Action Chair:** Ingrid Sivesind Mehlum, Norway
- **Action Vice-Chair:** Michelle C. Turner, Spain

Who we are



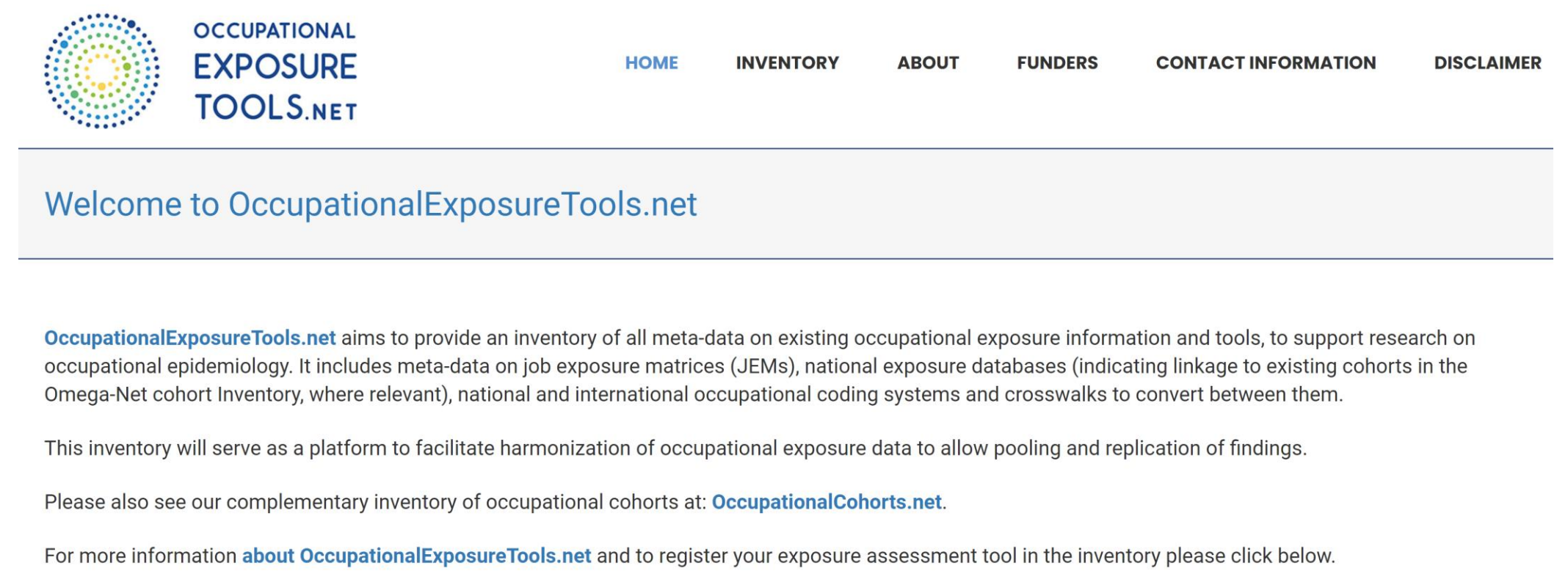
- > 230 researchers from 40 countries
- 33 COST countries and COST cooperating states
- 4 Near Neighbour Countries (NNC): Belarus, Morocco, the Palestinian Authority, Russia
- 3 International Partner Countries (IPC): Australia, the United States, United Arab Emirates
- 1 International Organisation: International Agency for Research on Cancer (IARC)

Achievements after 4 years of networking, collaboration, and training

2 online searchable inventories



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- Inventory of Occupational Exposure Assessment Tools
- 39 Job-Exposure Matrices
 - 10 Exposure Measurement Databases
 - 1 Other Exposure Database
 - 30 Coding Systems
 - 3 Coding Crosswalks



Working groups on harmonisation and standardisation of occupational exposure and health outcome information

- Occupational burnout
- Musculoskeletal disorders
- Allergies
- Cancer
- Occupational skin diseases
- COVID-19

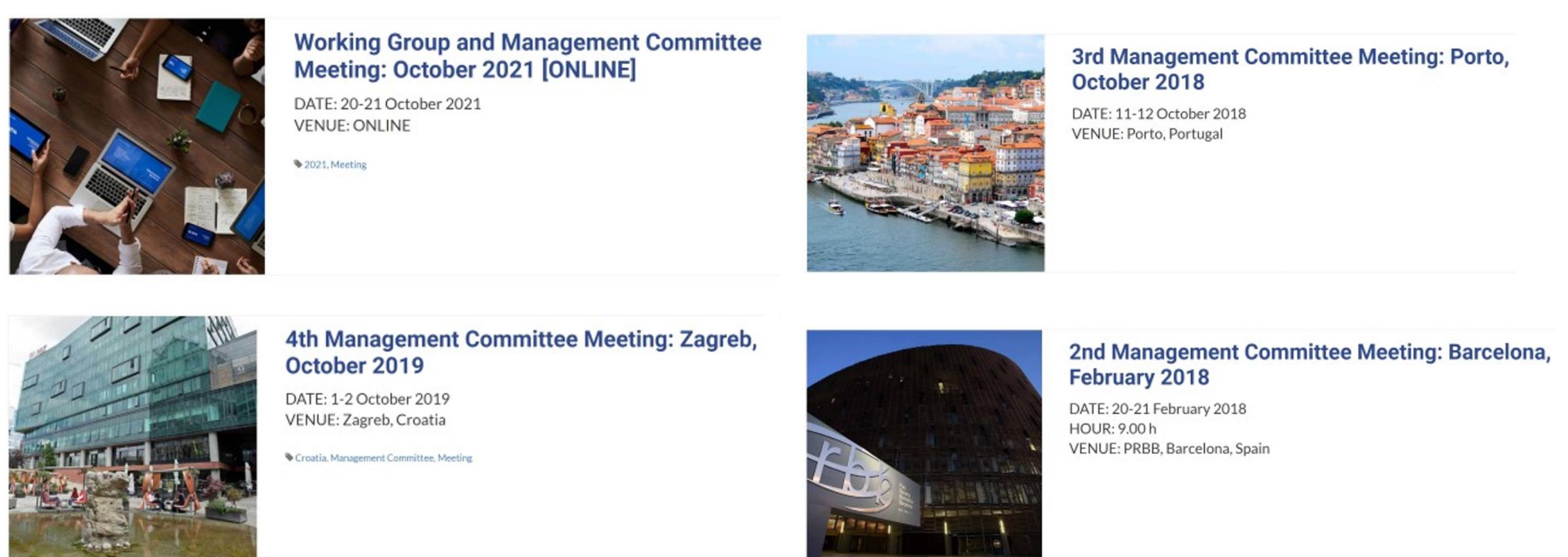
18 papers published

- Editorials
- Position papers
- Other papers
- Questionnaires

Several are underway

- Healthy ageing and work participation
- Working hours
- Employment patterns in the young, including young employed mothers
- Work-related psychosocial determinants on mental health
- Precarious employment
- Migrant workers

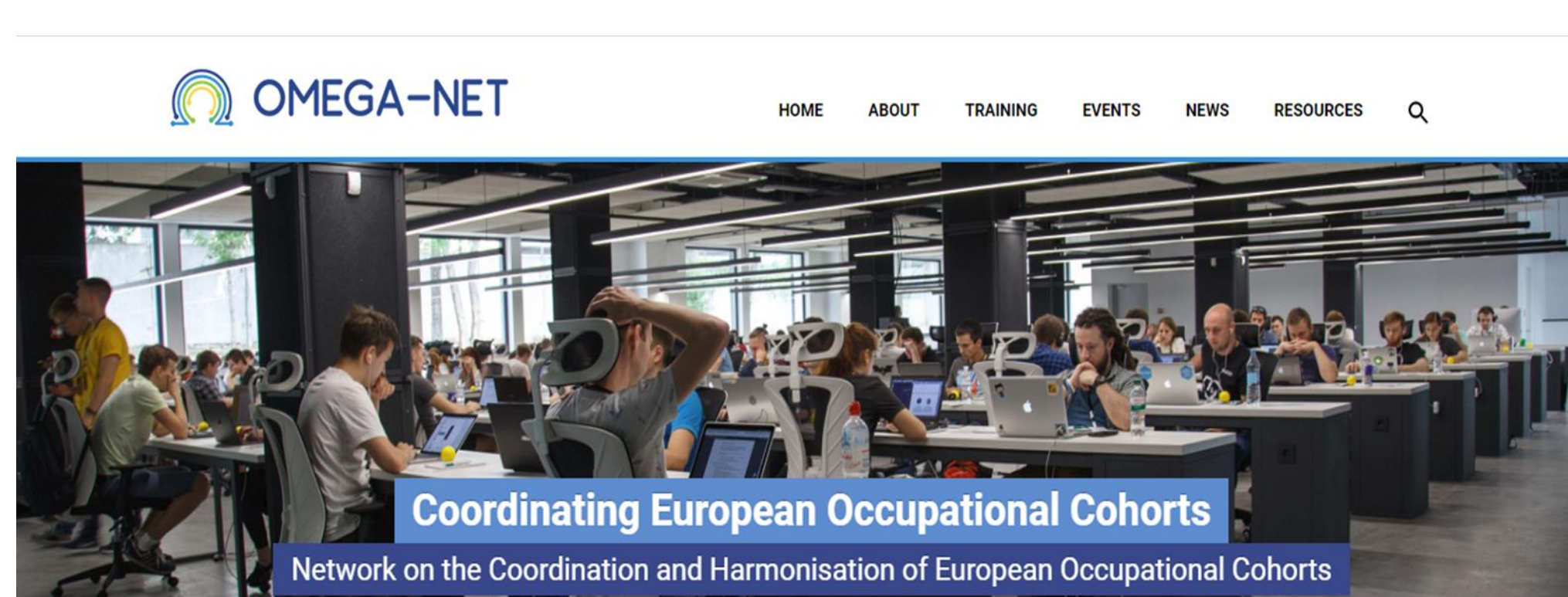
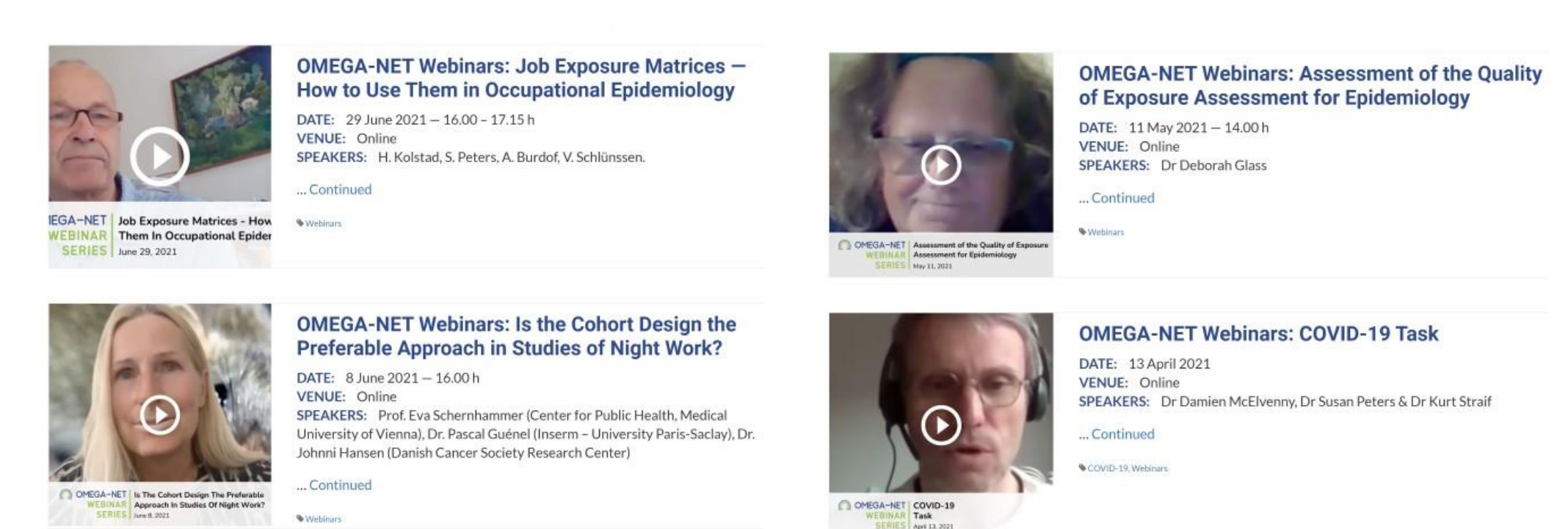
Working group Meetings



Training courses



Webinar Series



- 20 Short-Term Scientific Missions (STSM) Exchange visits between researchers to visit an institution in another COST country
- 3 Virtual Mobility Grants (new networking tool)
- 7 ITC* Conference Grants



A EUROPEAN PROJECT
The overarching concept of OMEGA-NET is to create a network to optimize and integrate the occupational, industrial, and population cohorts at the European level, and to provide a foundation for an enhanced evidence base for the identification of health risks and gains related to occupation and employment to foster safe and healthy preventive strategies and policies.



*ITC = Inclusiveness Target Countries

• omeganetcohorts.eu

- **Reference:** Turner MC, Mehlum IS. *Occup Environ Med* 2018;75:475–476
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