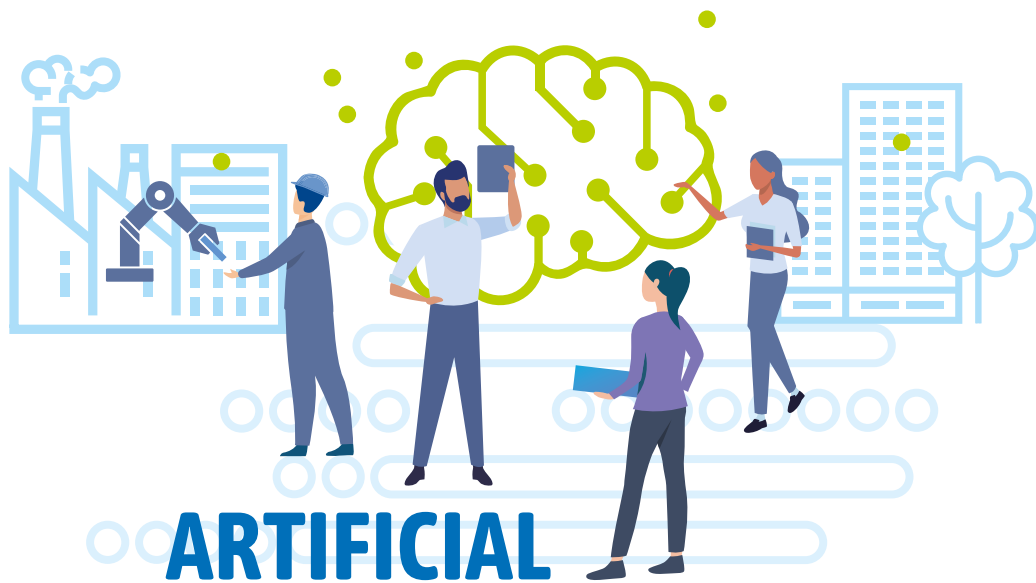**EUROSHNET**

7ᵗʰ European **CONFERENCE ON STANDARDISATION, TESTING AND CERTIFICATION** in the field of occupational safety and health

ARTIFICIAL INTELLIGENCE MEETS SAFETY AND HEALTH AT WORK

20 October 2022 Paris, France
EUROSHNET – European Occupational Safety and Health Network
www.euroshnet.eu/conference-2022

WELCOME

On behalf of INRS and EUROGIP, it is my privilege to invite you to the 7th European Conference, on standardisation, testing and certification in the field of occupational safety and health which will be organised by the network of European OSH experts, EUROSHNET.

At the crossroad of many new technologies, artificial intelligence is spreading through companies' operations as well as the products and services they provide. The consequences on the work done inside these companies are and will obviously be significant.

It is important to define the concept of artificial intelligence, to specify the different technologies covered by this term and to present the different sectors concerned through already deployed or forthcoming examples in the occupational world.

The safe use of AI in parallel with human activity raises essential questions of ethics, legal responsibility and technical reliability. To successfully introduce an artificial intelligence system in the world of work, it is necessary to analyse the potential consequences on work, the opportunities that this technology brings along with the risks generated regarding the health and safety of workers. These questions have consequences at regulation level and standardisation is a powerful tool to address some of them.

The use of artificial intelligence within companies also has an impact on the texts and procedures currently in force. How can regulations evolve? What are the challenges of standardisation? What tests are or should be carried out? How can or could certification be obtained?

Be part of the EUROSHNET community and join us in Paris to discuss the changes, challenges and opportunities resulting from the current developments with a broad range of experts and stakeholders who will discuss how standardisation and notified bodies may play a role in regulating these risks and enhancing these opportunities.

Séverine BRUNET
Director of Prevention Affairs

PROGRAMME OVERVIEW

It is a 1-day conference with no parallel sessions and a round table. It is divided into 4 sessions with keynote speakers and speakers invited for oral presentations. In addition, a poster exhibition will accompany the event.
The official languages of the conference are English and French. Simultaneous translation will be provided during the oral presentations and the round table.

08:15 Registration

09:20 Opening of the conference
Séverine BRUNET, French National Research and Safety Institute (INRS) for the Prevention of Occupational Accidents and Diseases, France

SESSION 1
What is Artificial Intelligence (AI) – Where is it found?

09:30 Foundations, Methods and Applications of Artificial Intelligence
- Raja CHATILA, Sorbonne University, France

09:50 Operationalizing and standardizing trustworthy AI in the field
- Sebastian HALLENSLEBEN, Association for Electrical, Electronic & Information Technologies (VDE), Germany

10:10 Person-vehicle collision prevention with embedded Artificial Intelligence
- Michel PAINDAVOINE, Yumain, France

10:30 Questions from public

10:45 *Coffee break & Poster*

SESSION 2
Prerequisites for safe use of AI: confidence, reliability, control

11:15 Algorithmic management meets EU law: integrating data protection, non-discrimination and collective rights to curb the powers of 'automated bosses'
- Antonio ALOISI, IE Law School, Spain

11:35 Trustworthy Artificial Intelligence
- André STEIMERS, Institute for Work and Health (IFA), Germany

11:55 Evaluation and certification for safer Artificial Intelligence
- Agnès DELABORDE, National Metrology and Testing Laboratory (LNE), France

12:15 Questions from public

12:30 *Lunch*

SESSION 3
Possible impacts of AI on humans at work

13:45 Artificial Intelligence at work: challenges and opportunities for OSH
- Ioannis Anyfantis, European Agency for Safety and Health at Work, European Union

14:05 Realizing the promise of exoskeletons: research efforts to increase the efficacy and acceptance through Artificial Intelligence-enabled wearable robots
- Joseph McINTYRE, Tecnalia, Spain

14:25 Machinery regulation: a tool contributing to ensure Artificial Intelligence safe machines
- Victoria PIEDRAFITA, European Commission, Europe

14:45 Questions from public

15:00 *Coffee break & Poster*

SESSION 4
Challenges of AI on standardization, testing and certification

15:30 European standardization in support of the European Artificial Intelligence regulation
- Patrick BEZOMBES, French Standardization Association (AFNOR), France

15:50 Roundtable
- Franck GAMBELLI, Union of Metallurgies Industries (UIMM), France
- Isabelle SCHOEMANN, European Trade Union Confederation (ETUC), Europe
- Christoph PREUSSE, Social Accident Insurance Institution for Wood and Metal (BGHM), Germany
- Rahul LALCHANDANI, DEKRA, Germany

16:50 Closing of the conference
- Pilar CACERES, Director of National Center of Protection Means (CNMP), National Institute of Safety and Health at Work (INSST), Spain, Chair EUROSHNET

CALL FOR POSTERS

The 7th EUROSHNET European Conference provides a forum to present your work in an informal and interactive setting.
Posters are ideal for presenting recent results or for giving an introduction to interesting and innovative work in progress. We invite all participants to submit posters addressing the current and expected changes, challenges and opportunities related to standardisation, testing and certification.

POSTER ABSTRACT SUBMISSION

If you would like to present a poster, please submit your poster abstract via the **online form at www.euroshnet.eu/conference-2022/posters**

Poster must
• be written in English
• not exceed 200 words
• indicate the author and co-authors' details (Full first and last name(s), Affiliation details: department, institution, city, state (if relevant), country)
• be submitted by **5 September 2022**

The posters will be reviewed and the decision of acceptance communicated by 12 September 2022. All posters should be in English in size A0, portrait format.
Please note that posters with a commercial approach will not be considered.

CONFERENCE LANGUAGES

English and French. 🇬🇧 🇫🇷

Simultaneous interpretation will be provided.

REGISTRATION AND FEES

The conference will take place on **October 20th 2022 in Paris,** France, at the UIC-P Espaces Congrès.
Additionally, we will have cocktail dinner organised for all the participants on **October 19th** at the wine museum.

REGISTRATION FEE	Early bird registration until **3 June 2022**	Regular registration from **4 June 2022**
Delegates	€ 225	€ 275
Students	€ 100	€ 100
Accompanying persons*	€ 70	€ 70

The registration fee includes the conference materials, lunch and refreshments, including the cocktail dinner on 19 October.
*The fee for **accompanying persons** includes only the cocktail dinner on 19 October.

ACCOMMODATION

Participants are requested to make their own hotel booking.
For booking instructions and deadlines, please see www.euroshnet.eu/conference-2022/accommodation

Hotel List (*Hotels at less than 20 min walk*)

Hôtel 31 – Paris Tour Eiffel 3* www.hotel-31.com
Hôtel Alizé Grenelle Tour Eiffel 3* www.alizeparis.com
Hôtel Carladez Cambronne 3* www.hotelcarladez.com
Hôtel Eiffel Segur 3* www.paris-hotel-eiffel-segur.com
Hôtel Eiffel Villa Garibaldi 3* www.hoteleiffelvillagaribaldi.com

CONFERENCE VENUE

In central Paris, a stone's throw from the Eiffel Tower, UIC's conference facilities offer you an exceptional venue for the EUROSHNET conference. Between the River Seine and the Champs de Mars, enjoy an exclusive setting easily accessible via any mode of transport.

UIC-P Espaces Congrès
https://uicp.fr
16 rue Jean Rey
75015 Paris
France
Tel: +33 (0)1 44 49 22 31
Fax: +33 (0)1 44 49 22 39

HOW TO GET THERE

Metro: Line 6, stop at "Bir Hakeim"
RER: Line C, stop at "Champs de Mars"
Bus: 42, 69, 82, 87

→ From Charles De Gaulles Airport
RER B to "Saint-Michel Notre Dame" (Direction Saint Rémy les Chevreuses) then take RER C to "Champs de Mars" (Direction Versailles, Château Rive Gauche)
Cost: €10.30
Duration: Approx. 1 hour

→ From Gare de l'Est or Gare du Nord
From Gare de l'Est, you can take the Metro line 4 to "Gare du Nord" or walk 5 minutes.
Take RER B from Gare du Nord to "Saint Michel Notre Dame" (Direction Saint Rémy les Chevreuses)
Then, take RER C to "Champs de Mars" (direction Versailles, Château Rive Gauche)
Cost: €1.90
Duration: Approx. 30 minutes

→ From Gare de Lyon
Go to Gare Austerlitz (5 minutes walk).
Take the RER C to "Champs de Mars" (direction Versailles, Château Rive Gauche)
Cost: €1.90
Duration: Approx. 30 minutes

→ From Gare Montparnasse
Walk 13 mins towards the stop "Pasteur" (Metro Line 6)
Take the line 6 (direction Charles de Gaulles-Etoile) to "Bir Hakeim"
Cost: €1.90
Duration: Approx. 30 minutes

→ From Orly Airport
Orlyval to "Anthony"
RER B to "Denfert Rochereau" then take Metro 6 to "Bir Hakeim" or RER B to "Saint-Michel Notre Dame" then RER C to "Champs de Mars"
Cost: €12,10
Duration: Approx. 50 min

EUROSHNET ORGANISING COMMITTEE

Institut national de recherche et de sécurité (INRS), France – www.inrs.fr

EUROGIP, France – www.eurogip.fr

Centralny Instytut Ochrony Pracy - Państwowy Instytut Badawczy (CIOP-PIB), Poland – www.ciop.pl

Deutsche Gesetzliche Unfallversicherung (DGUV), Germany – www.dguv.de

Instituto Nacional de Seguridad y Salud en el Trabajo (INSST), Spain – www.insst.es

Kommission Arbeitsschutz und Normung (KAN), Germany – www.kan.de

EtusivuTyöterveyslaitos Finland – www.ttl.fi

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