

INFORMATION


CONGRESS VENUE

FIRENZE FIERA CONGRESS & EXHIBITION CENTER
Piazza Adua, 1 - 50123 Florence Italy

CONGRESS PROCEEDINGS

Please upload the Extended Paper (NOT mandatory) if you submitted an Abstract accepted among these Types of Abstracts: Abstract Oral Presentation; Abstract Poster or Video Poster; Abstract for a Symposium, Abstract for a Special Session.

Extended Papers must be uploaded only on the Congress Website www.iea2018.org by **April 30th, 2018**.

The Congress Proceedings will be published with: 

SPECIAL ISSUES

A selection of papers will be published with:



CONGRESS LANGUAGE

English is the official language of the Congress.

ECM INFORMATION

The 20th International Ergonomics Association (IEA 2018) will be accredited by the Accreditation Italian Council for Continuing Medical Education (ECM).

Further information about Accommodation, Social Dinner and Tours are available on the official web site www.iea2018.org (General Information section).

WWW.IEA2018.ORG

CME PROVIDER AND ORGANIZING SECRETARIAT

NeT Congress & Education S.r.l.
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e-mail: iea2018@netcongresseducation.com

REGISTRATION FEE

To register for the Congress please visit the Congress web site www.iea2018.org and click on "Registration".

Registration fees (Eur) - VAT included (22%)

	BEFORE April 30th, 2018	FROM April 30th, 2018
IEA members & Federated Societies Members	€ 671,00	€ 793,00
NON members	€ 915,00	€ 995,00
Registration fee for low medium income countries*	€ 585,60	€ 671,00
Students	€ 305,00	€ 366,00
Students from low medium income countries**	free	free

* Low medium income countries: all countries except for High Income Countries as listed at the World Bank (see HIC list on <http://data.worldbank.org/income-level/high-income>)

** The prerequisite for accepting the registration at free student fee is the presentation of an abstract. The nomination of participants at free registration fee will be evaluated by the Scientific Committee of the congress

Registrations will be accepted only by filling the online registration form on www.iea2018.org and paying directly online (by pay pal, credit card - VISA, Mastercard, Amex - or by wire transfer).

Registration fee includes:

Congress kit, Certificate of Attendance, Access to the Scientific Sessions, Coffee and Lunch Breaks

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President - University of Florence
- Italy

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University of Oxford - U.K.

Aleksandar Zunjic
ESS (Ergonomics Society of Serbia),
President - Serbia

KEYNOTE SPEAKERS

Abrahão Roberto Funes
Agricultural work in the 21st century: new trends and challenges

Massimo Bergamasco
Virtual Environments and Robotics Technologies for the study of human
performance

Lina Bonapace
The More Things Change, The More They Stay The Same - Evolutions in
Design Practice

Jeffrey Braithwaite
Walking the tightrope between creativity and productivity: Culture, resilience
and complexity science

Pascale Carayon
Human Factors and Ergonomics in Patient Safety

Erik Hollnagel
Creativity in thinking about work: Can we imagine how work is done?

Daniel Jenkins
Evidence-based design: The role of human factors in inspiring and informing
the design process

Waldemar Karwowski
The Human Use of Artificial Intelligence

David Kirsh
The importance of chance and experimentation in creativity

Samir Kohli
Managing Humans: Understanding the Man - Man Interface

Dhurjati Majumdar
Ergonomics in defence:
world trends with reference to the emerging countries

Enrico Occhipinti
Biomechanical overload and prevention of WMSDs: actual and future
challenges

Andrew Thatcher
Ergonomics tools for addressing global problems of the twenty-first century



20th CONGRESS

INTERNATIONAL ERGONOMICS ASSOCIATION

FLORENCE August 26th-30th, 2018



RATIONALE

The 20th International Conference of the International Ergonomics Association (IEA) 2018

will be held at Palazzo dei Congressi, Firenze, Italy, August 26th-30th, 2018.

The Italian Society of Ergonomics (SIE) is pleased to host the 20th international IEA conference. Ergonomics (or human factors) is the scientific discipline concerned with the understanding of the interactions among humans and other elements of a system, and the profession that applies theoretical principles, data and methods to design in order to optimize well-being and overall performance. Practitioners of ergonomics, ergonomists, contribute to the planning, design, implementation, evaluation, redesign and continuous improvement of tasks, jobs, products, technologies, processes, organizations, environments and systems in order to make them compatible with the needs, abilities and limitations of people.

The theme of IEA 2018 conference is "Creativity in Practice": refers to the typical challenge of the Italian way to innovation engaged to transform the results of research on innovation in concrete actions to improve the quality of life and work. In addition, creativity in practice is a valuable skill to break taken-for-granted schema and dealing with uncertainty both in high and low and medium income countries developing new modalities of work. In an interconnected world with multifaceted views on complex challenges, creativity is a component of human activity, which ergonomics and human factor need to take into account in order to improve human condition and wellbeing.

The conference objective is to provide a platform for the human factors community to meet, exchange information on research projects and generate knowledge and ideas fostering theoretical and applied areas of Human Factors and Ergonomics.

Sebastiano Bagnara

President of the Scientific Committee

Riccardo Tartaglia

IEA2018 Chair

Sara Albolino

IEA2018 Co-Chair

MAIN TOPICS

- Activity Theories for Work Analysis and Design
- Aerospace Human Factors and Ergonomics
- Affective Design
- Aging
- Agriculture
- Anthropometry
- Auditory and Vocal Ergonomics
- Building and Construction
- Ergonomics for Children and Educational Environments
- Ergonomics in Advanced Imaging
- Ergonomics in Design
- Ergonomics in Design for All
- Ergonomics in Manufacturing
- Forensic Human Factors
- Gender and Work
- Healthcare Ergonomics
- Human Factors and Sustainable Development
- Human Simulation and Virtual Environments
- Mining
- Musculoskeletal Disorders
- Organizational Design and Management
- Process Control
- Professional Affair
- Psychophysiology in Ergonomics
- Safety & Health
- Slips, Trips and Falls
- Transport Ergonomics and Human Factors (TEHF)
- Visual Ergonomics
- Work With Computing Systems – WWCS

PRELIMINARY PROGRAM

The program is tentative, more information about scheduled sessions will be available from April 2018

SUNDAY, AUGUST 26th, 2018

- 09.00 - 13.30 **WORKSHOPS**
- 13.30 - 15.00 **BREAK AND POSTER SESSIONS
SPECIAL SESSIONS**
- 15.00 - 16.30 **PARALLEL SESSIONS
SYMPOSIA SESSIONS**
- 16.30 - 18.30 **OPENING CEREMONY**
- 18.30 - 19.30 **PLENARY SESSION**
- 19.30 **WELCOME COCKTAIL**

MONDAY, AUGUST 27th, 2018

- 08.30 - 09.30 **PLENARY SESSION**
- 09.30 - 12.30 **PARALLEL SESSIONS
SYMPOSIA SESSIONS**
- 12.30 - 14.00 **BREAK AND POSTER SESSIONS
SPECIAL SESSIONS**
- 14.00 - 15.00 **PLENARY SESSION**
- 15.00 - 19.30 **PARALLEL SESSIONS
SYMPOSIA SESSIONS**

TUESDAY, AUGUST 28th, 2018

- 08.30 - 09.30 **PLENARY SESSION**
- 09.30 - 12.30 **PARALLEL SESSIONS
SYMPOSIA SESSIONS**
- 12.30 - 14.00 **BREAK AND POSTER SESSIONS
SPECIAL SESSIONS**
- 14.00 - 15.00 **PLENARY SESSION**
- 15.00 - 16.30 **ERGONOMICS BY LANGUAGE**
- 16.30 - 18.00 **PARALLEL SESSIONS
SYMPOSIA SESSIONS**
- 18.00 - 19.00 **TC Meetings**
- 20.00 **SOCIAL DINNER**

WEDNESDAY, AUGUST 29th, 2018

- 08.30 - 09.30 **PLENARY SESSION**
- 09.30 - 12.30 **PARALLEL SESSIONS
SYMPOSIA SESSIONS**
- 12.30 - 14.00 **BREAK AND POSTER SESSIONS
SPECIAL SESSIONS**
- 14.00 - 15.00 **PLENARY SESSIONS**
- 15.00 - 18.00 **PARALLEL SESSIONS
SYMPOSIA SESSIONS**
- 18.00 - 19.00 **TC Meetings**

THURSDAY, AUGUST 30th, 2018

- 08.30 - 09.30 **PLENARY SESSION**
- 09.30 - 12.30 **PARALLEL SESSIONS
SYMPOSIA SESSIONS**
- 12.30 - 14.00 **BREAK AND POSTER SESSIONS
SPECIAL SESSIONS**
- 14.00 - 17.00 **PARALLEL SESSIONS
SYMPOSIA SESSIONS**
- 17.00 - 19.00 **CLOSING SESSION "FUTURE OF ERGONOMICS"**

ORGANIZED BY



WITH THE ENDORSEMENT OF

