

LEGEND

- Activity Theories for Work Analysis and Design
- Process Control
- Forensic Human Factors
- Professional Affairs
- Organizational Design and Management
- Work With Computing Systems - WWCS
- Human Simulation and Virtual Environments
- Aerospace Human Factors and Ergonomics
- Affective Design
- Ergonomics in Design
- Ergonomics in Design for All
- Anthropometry
- Auditory and Vocal Ergonomics
- Musculoskeletal Disorders
- Psychophysiology in Ergonomics
- Visual Ergonomics
- Ergonomics in Advanced Imaging
- Building and Construction
- Ergonomics in Manufacturing
- Transport Ergonomics and Human Factors (TEHF)
- Aging
- Agriculture
- Ergonomics for Children and Educational Environments
- Gender and Work
- Healthcare Ergonomics
- Safety & Health
- Slips, Trips and Falls
- Human Factors and Sustainable Development
- History and Stories of Human Factors
- Poster Session
- STP standing committee meeting
- Ergonomics in the Future world



Palazzo Congressi

	Auditorium	Michelangelo	Brunelleschi	Raffaello	Botticelli	Galileo
09:00-11:15		WORKSHOP CHRONICLE WORKSHOP IN INTERVENTION AND EVALUATION RESEARCH AND PRACTICE	WORKSHOP SEDENTARY WORK, WHAT'S THE EFFECTIVENESS OF WORKPLACE INTERVENTIONS?	WORKSHOP PROTOTYPING HMI FOR PARTIALLY AND HIGHLY AUTOMATED VEHICLES: A BALANCED HUMAN SYSTEMS INTEGRATION APPROACH	WORKSHOP ERGONOMICS AS A DESIGN DISCIPLINE: REDESIGNING A LOCAL CONTROL ROOM IN AN OIL INDUSTRY	WORKSHOP ENHANCING YOUR PRESENTATION COMPETENCIES – A CHALLENGING WORKSHOP
11:15-13:30		WORKSHOP MUSCULOSKELETAL DISORDERS AS A FATIGUE FAILURE PROCESS: A NEW FOUNDATION FOR RISK ASSESSMENT	WORKSHOP PATIENT JOURNEY MAPPING		WORKSHOP WORKSPACE LAB: GETTING AROUND USER INVOLVEMENT AND PLANNING PARTICIPATORY DESIGN	
13:30-14:45	BREAK					
14:45-16:15		Observations in actual work situations: Is this method still a key part of ergonomics practices?	Digital Healthcare	Disentangling the physical activity health paradox	Ergonomics in Virtual Reality	Objective assessment of physical work exposure: how to measure, analyse and interpret data
16:15-16:30	BRAIN REFRESH					
16:30-17:30	OPENING CEREMONY Welcome addresses Opening addresses					
17:30-18:30	PLENARY 1 CARAYON PASCALE Human-centered design for patient safety BRAITHWAITE JEFFREY Walking the tightrope between creativity and productivity: Culture, resilience and complexity science					
18:30-19:30	MYSTERIUM®, a creative performance by Antonio Artese					
19:30-20:30	WELCOME COCKTAIL					

Palazzo Affari									
	Masaccio	Beato Angelico	Ghiberti	Perugino	Cimabue	Leonardo	Donatello	Giotto	Dante
09:00-11:15	WORKSHOP COLLABORATIVE ROBOTICS AND ERGONOMICS	WORKSHOP ASSESSING BIOMECHANICAL RISK WITH EAWS – LEARN HOW TO APPLY THE INTERNATIONAL STANDARD: ERGONOMIC ASSESSMENT WORKSHEET	WORKSHOP DESIGN FOR END OF LIFE	WORKSHOP DESIGNING WORK SYSTEMS USING THE ACD3 (ACTIVITY-CENTERED DESIGN) FRAMEWORK	WORKSHOP EYE TRACKING METHODOLOGY IN SCREEN-BASED USABILITY TESTING	WORKSHOP ERGONOMICS OF THE CAMINO WAYS	WORKSHOP HOW TO PERFORM AN ERGONOMIC WORKPLACE ANALYSIS?	WORKSHOP IDENTIFYING CRITICAL SUCCESS FACTORS OF ERGONOMICS PROGRAMS. NECESSARY CONDITION ANALYSIS (NCA) AND ITS APPLICATION TO PREVENTION AND MANAGEMENT OF WORK-RELATED MUSCULOSKELETAL DISORDERS	WORKSHOP ERGOCHECK: A SIMPLE TOOL FOR PRELIMINARY ASSESSMENT OF BIOMECHANICAL OVERLOAD AND OTHER MAIN RISK FACTORS In application of the ISO TR 12295
11:15-13:30						WORKSHOP ERGONOMICS INTERVENTION METHODOLOGIES APPLIED TO ACCIDENT PREVENTION IN SAFETY CRITICAL INDUSTRIES			
13:30-14:45	BREAK								
14:45-16:15	Ergonomic Design and Development of Healthcare Devices	Epidemiological and Mechanistic Advances Furthering the Understanding of Human Vibration Exposures	Working and designing within the « Labs »	Special Session SELF : Innovative Design Project and mutations of work. Activity based approaches: conceptual and methodological issues	Musculoskeletal pain as an outcome - how can we get better insight into the time course of musculoskeletal pain?	Applying the systems concept of Humans, Technology and Organization (HTO) in practice	Minimum exposure criteria and assessment tools for the determination of 'work-relatedness' for musculoskeletal disorders	Understanding Casual Pathways for Occupational Related Low Back Disorders	Preventing MSDs among health care workers
16:15-16:30	BRAIN REFRESH								
16:30-17:30									
17:30-18:30									
18:30-19:30									
19:30-20:30	WELCOME COCKTAIL								

Palazzo Congressi						
	Auditorium	Michelangelo	Brunelleschi	Raffaello	Botticelli	Galileo
08:30-09:30	PLENARY 2 ABRAHÃO ROBERTO FUNES Agricultural work in the 21st century: new trends and challenges THATCHER ANDREW Ergonomics tools for addressing global problems of the twenty-first century					
09:30-09:45	BRAIN REFRESH					
09:45-11:15	Human Factors and Sustainable Development_01/Building and Construction	Ergonomics in Design 08 / Others	Ergonomics in Design 03 / Building and Construction	Ergonomics for Children and Educational Environments_01/ Education and Training	Slips, trips and falls 04 / Surfaces	Human Factors and Sustainable Development_03/Others
11:15-11:30	BRAIN REFRESH					
11:30-13:00	Human Factors and Sustainable Development_02/Manufacturing_Healthcare_Education and Training	Prospective Ergonomics: Ideating and designing future things - PART 1	Ergonomics in Design 11 / Healthcare 01	Ergonomics for Children and Educational Environments_02/ Education and Training	Psychophysiology in Ergonomics 03- Healthcare/others	Human Factors and Sustainable Development_04/Others
13:00-13:15	BRAIN REFRESH					
13:15-14:45	Applying human factors to medical device design	Prospective Ergonomics: Ideating and designing future things - PART 2	The scales and dimensions of collective activity	Ergonomics for Children and Educational Environments_03/ Education and Training	Psychophysiology in Ergonomics 01- Transport	Ergonomics in Design 10 / Others
14:45-15:00	BRAIN REFRESH					
15:00-16:00	PLENARY 3 KIRSH DAVID The importance of chance and experimentation in creativity OCCHIPINTI ENRICO Biomechanical overload and prevention of WMSDs: actual and future challenges					
16:00-17:00	TRIENNIAL AND FELLOW AWARD SESSION					
17:00-17:15	BRAIN REFRESH					
17:15-18:45	Human Factors and Sustainable Development_05 / Others	Ergonomics in Design 09 / Others	Ergonomics in Design 17 / Others	Healthcare 15/ MSD	Psychophysiology in Ergonomics 02- Miscellanea	Standardisation in Ergonomics

Poster Session 1
12:30 - 14:00

Passi Perduti
Palazzo Congressi

Palazzo Affari

Masaccio	Beato Angelico	Ghiberti	Perugino	Cimabue	Leonardo	Donatello	Giotto	Dante	Boccaccio
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08:30-09:30

09:30-09:45

BRAIN REFRESH

09:45-11:15

Healthcare 13/ care in the community context

Muskuloskeletal Disorders 01 / Agriculture and construction/ Experiences in agriculture and construction

Safety & Health 03/ Safe moving in Transport, Manufacturing, Aerospace, Education and Training, Others

Tertiary education in Ergonomics and Human Factors: Quo vadis? - Current practice and challenges

Work With Computing Systems - WWCS_01/ ICT

Organizational Design and Management 01/ Education and Training/ Organizational design for training and education

Ergonomics in Design for All-01 / Building and Construction

Ergonomic analysis of work activity and training: evolutions of basic paradigms and creativity in practices

Evaluation of Job Related Health Hazards of Female Agricultural workers

11:15-11:30

BRAIN REFRESH

11:30-13:00

Ergonomics and Human Factors in Radiology: A good test bed for a systemic approach to the visual, organizational and cognitive ergonomics issues

Work, organizational design and sustainable development PART 1

Safety & Health 04/ Safety at work in construction industries/ Building and construction and Others

Tertiary education in Ergonomics and Human Factors: Quo vadis? - Emerging practice and future needs

Work With Computing Systems - WWCS_02

Organizational Design and Management 02/Manufacturing/ Organizational Design for manufacturing

Ergonomics in Design for All-02

Aging 01 / Human Factors Driven Technology as facilitator of Autonomous Ageing

Agriculture 01 / Special session in memory of Neville Moray: history, stories, and research should be fun

13:00-13:15

BRAIN REFRESH

13:15-14:45

International Panel for Patient Handling Ergonomics (IPPHE) Symposium

Work, organizational design and sustainable development PART 2

Safety & Health 02/ Healthcare/ safety at work

Professional Ergonomists Education: state of the existing programs

Comparison of Ergonomic Rules and Implementation Between Countries

Ergonomics in Design for All-03

Human Factors Driven Technology as facilitator of Autonomous Aging

Special session in memory of Neville Moray: history, stories, and research should be fun

HISTORY AND STORIES OF HUMAN FACTORS

14:45-15:00

BRAIN REFRESH

15:00-16:00

16:00-17:00

17:00-17:15

BRAIN REFRESH

17:15-18:45

Advances in Exposure Assessment Furthering the Understanding of Human Vibration Exposures

Extension of RNLE (Revised NIOSH Lifting Equation) in complex and variable lifting tasks (in memory of Thomas Waters)

Working conditions surveys and ergonomics

Safety & Health 05/ Safety at work in agriculture and others

Safety & Health 01/ Healthcare/ safety culture in healthcare

Organizational Design and Management 04/Others/ work organization, environment and and workers

Designs for Accessibility in Home Appliances

Aging and physical activity at work

Agriculture 02/ Agriculture

LUNCH BREAK (12:00 -14:30)

Palazzo Congressi						
	Auditorium	Michelangelo	Brunelleschi	Raffaello	Botticelli	Galileo
08:30-09:30	PLENARY 4 KOHLI SAMIR Managing Humans: Understanding the Man - Man Interface HOLLNAGHEL ERIK Creativity in thinking about work: Can we imagine how work is done?					
09:30-09:45	BRAIN REFRESH					
09:45-11:15	KU SMITH AWARD SESSION	Ergonomics/Design/Creativity in product innovation - Part 1	50 Years of Applied Ergonomics - Part 1	Healthcare 14/ Occupational health	Affective Design-01	Human factor in aviation; co-adaptation between threats and solutions PART 1
11:15-11:30	BRAIN REFRESH					
11:30-13:00	Symposium INAIL (Italian National Agency for Labour Risk Prevention) - PART 1	Ergonomics/Design/Creativity in product innovation - Part 2	50 Years of Applied Ergonomics - Part 2	Healthcare 09/ assessment tools and methods / Sports and Leisure	Affective Design-02	Human factor in aviation; co-adaptation between threats and solutions PART 2
13:00-13:15	BRAIN REFRESH					
13:15-14:45	Symposium INAIL (Italian National Agency for Labour Risk Prevention) - PART 2	Ergonomics in Design 12 / Healthcare 02	Ergonomic Interface Design for Aging Computer Users	Ergonomics in Design 14 / Healthcare	HFE and green design of the built environment	Psychophysiology in Ergonomics
14:45-15:00	BRAIN REFRESH					
15:00-16:00	PLENARY 5 JENKINS DANIEL Evidence-based design: The role of human factors in inspiring and informing the design process CHAPMAN LORRAINE The More Things Change, The More They Stay The Same - Evolutions in Design Practice					
16:00-16:15	BRAIN REFRESH					
16:15-17:45	ERGONOMICS IN THE FUTURE WORLD 01	ERGONOMICS IN THE FUTURE WORLD 02	ERGONOMICS IN THE FUTURE WORLD 03	ERGONOMICS IN THE FUTURE WORLD 04	ERGONOMICS IN THE FUTURE WORLD 05	ERGONOMICS IN THE FUTURE WORLD 06
17:45-18:00	BRAIN REFRESH					
18:00-19:00	Performance "MPE- mental protective equipment" by Emma and Silvana Bagnato and Vladimiro Genthi (Gruppo ASA)	TC Meeting - Activity Theories for Work Analysis and Design	TC Meeting - Work With Computing System WWCS	TC Meeting - Anthropometry	TC Meeting - Affective design (VOTE, 12 pax)	TC Meeting - Building and construction (VOTE, 15 pax)
19:00-20:00						
20:00-23:00	SOCIAL DINNER					

Poster Session 2
12:30 - 14:00

Passi Perduti
Palazzo Congressi

Palazzo Affari										
	Masaccio	Beato Angelico	Ghiberti	Perugino	Cimabue	Leonardo	Donatello	Giotto	Dante	Verrocchio
08:30-09:30										
09:30-09:45	BRAIN REFRESH									
09:45-11:15	A partnership between citizens and healthcare organizations to assess and improve patient safety	Is it all about posture? A closer look at neck and shoulder MSDs	Activity Theories for Work Analysis and Design 01/ others /work and manufacturing	Ergonomics challenges in the rapidly evolving digital world of children internationally	Musculoskeletal Disorders 10 /All/ Physiological studies	Organizational Design and Management 05/Transport/ Organizational Design for transport	Ergonomics in Design for All-04	International perspectives on the application of a standardised approach for multi-dimensional time and motion studies using WOMBAT to study work efficiency and safety	Ergonomics in Design 16 / Sports Entertainment and Leisure Agriculture Fashion Education and trainin	
11:15-11:30	BRAIN REFRESH									
11:30-13:00	Healthcare 07/ resilience and complexity of care	Ergonomics aspects of sit-stand workstation use in modern offices - Part 1	Activity Theories for Work Analysis and Design 02/ Work and manufacturing in Manufacturing, Building and construction, Others	Revising the IEA Core Competencies for Professional Ergonomists	Return on Investment for Human Factors / Ergonomics Interventions	Organizational Design and Management 06/Healthcare/ Organizational design for healthcare	International standards on Accessibility and Design for All: background and evolution	Gender, Work and Health in Ergonomics: Transformative approaches to foster health and equity -Part A	Shift in Healthcare: how digital technology is impacting patient engagement	Applied ergonomics: French companies actively engaged
13:00-13:15	BRAIN REFRESH									
13:15-14:45	Novel technologies in solid organ transplantation: all that glitters is not gold	Ergonomics aspects of sit-stand workstation use in modern offices – Part 2	Activity Theories for Work Analysis and Design 03/ Education and Training, and Healthcare experiences	Analysis of repetitive movements and working postures in complex and variable working cycles: OCRA checklist and TACOs method	Muskuloskeletal Disorders 11 /All/ Pathophysiological studies	Ergonomics simulation tools in design and organizational change projects	Ergonomics in Design for All-05	Gender, Work and Health in Ergonomics: Transformative approaches to foster health and equity - part B	Healthcare 05/ Design	Communication in safety critical industry
14:45-15:00	BRAIN REFRESH									
15:00-16:00										
16:00-16:15	BRAIN REFRESH									
16:15-17:45	ERGONOMICS IN THE FUTURE WORLD 07	ERGONOMICS IN THE FUTURE WORLD 08	ERGONOMICS IN THE FUTURE WORLD 09	ERGONOMICS IN THE FUTURE WORLD 10	ERGONOMICS IN THE FUTURE WORLD 11	ERGONOMICS IN THE FUTURE WORLD 12	ERGONOMICS IN THE FUTURE WORLD 13	ERGONOMICS IN THE FUTURE WORLD 14	ERGONOMICS IN THE FUTURE WORLD 15	
17:45-18:00	BRAIN REFRESH									
18:00-19:00	TC Meetings - Healthcare Ergonomics (VOTE)	TC Meeting - Human Factors in Robotics (VOTE, 20pax)	TC Meeting - Visual Ergonomics (VOTE, 30 pax)	TC Meeting - ODAM Organizational Design and Management (50 pax)	TC Meeting - MSD (30 pax)	TC Meeting - Agriculture	TC Meeting - Design for All (10pax)	TC Meeting - Human Factors and Sustainable Development	TC Meeting - Science, Technology and Practice	TC Meeting - Gender and Work
19:00-20:00										
20:00-23:00	SOCIAL DINNER									

Palazzo Congressi						
	Auditorium	Michelangelo	Brunelleschi	Raffaello	Botticelli	Galileo
08:30-09:30	PLENARY 6 MAJUMDAR DHURJATI Ergonomics in defence: world trends with reference to the emerging countries					
09:30-09:45	BRAIN REFRESH					
09:45-11:15	IEA/LIBERTY MUTUAL MEDAL - awards and lectures	Creativity in Design of Products, Systems and User Interfaces: Theory, Methods and Applications PART 1	Ergonomics in Manufacturing_03	Healthcare 08/ simulation	Aerospace Human Factors and Ergonomics_03/ Aerospace	Building and Construction_01
11:15-11:30	BRAIN REFRESH					
11:30-13:00	Human Simulation and Virtual Environments_02/ Others	Creativity in Design of Products, Systems and User Interfaces: Theory, Methods and Applications PART 2	Ergonomics in Manufacturing_04	Healthcare 02/ safety and health	Auditory and Vocal Ergonomics 02- Education and Training / Others	Building and Construction_02
13:00-13:15	BRAIN REFRESH					
13:15-14:45	Human Simulation and Virtual Environments_03/ Others	Creativity in Design of Products, Systems and User Interfaces: Theory, Methods and Applications	Digital communication	Healthcare 04/ ICT and Advanced Imaging	Discussion on Whether or Not-and How-to Identify Missteps and Falls with an Ergonomically Descriptive Label Other Than "Slips, Trips and Falls"	On-site interventions for prevention and treatment of Work Related Musculoskeletal Disorders. What works and what doesn't?
14:45-15:00	BRAIN REFRESH					
15:00-16:00	PLENARY 7 STRIANO GIORGIO Ergonomics in Manufacturing: the experience of Luxottica ASPRONI PATRIZIA Preservation or prediction: how ergonomics and human factors will design the museum of the future					
16:00-16:15	BRAIN REFRESH					
16:15-17:45	Innovation & Design: a new approach for ergonomics in FCA - PART 1	Ergonomics in Design 15 / Manufacturing	Ergonomics in Manufacturing_01/ Automotive_Robotics	Gender, Work and Health in Ergonomics: Evaluating ergonomic interventions as a function of sex/gender- sensitivity	Transport Ergonomics and Human Factors (TEHF) 06 / Transport	Anthropometry 03- Agriculture and Others
17:45-18:00	BRAIN REFRESH					
18:00-19:30	Innovation & Design: a new approach for ergonomics in FCA - PART 2	Ergonomics in Design 02 / Automotive Aerospace	Ergonomics in Manufacturing_02	Visual Ergonomics_01/ Others	Slips, trips and falls 01 / Physical impact	Anthropometry 04- Automotive
19:30-19:45	BRAIN REFRESH					
19:45-20:45	Performance "MPE- mental protective equipment" by Emma and Silvana Bagnato and Vladimiro Genthi (Gruppo ASA)				TC Meeting - Slips, Trips and Falls (VOTE)	TC Meeting Aging

**Ergonomics
in the
Future world**
12:30 - 14:30
Pollaiolo
Palazzo Congressi

Poster Session 3
12:30 - 14:00
Passi Perduti
Palazzo Congressi

**STP standing
committee
meeting**
17:30 - 19:00
Filarete
Palazzo Congressi

Palazzo Affari									
	Masaccio	Beato Angelico	Ghiberti	Perugino	Cimabue	Leonardo	Donatello	Giotto	Dante
08:30-09:30									
09:30-09:45	BRAIN REFRESH								
09:45-11:15	Healthcare 01/ patient safety	Process control_01	Human factor as a whole-rounded discipline: lifestyles and working environment PART 1	Transport Ergonomics and Human Factors (TEHF) 01 / Automotive / Automated vehicles - 1	Aging 02 - Education and Training_others	Organizational Design and Management 08/ Others/ work organization, environment and and workers	Muskuloskeletal Disorders 06 /All/ Exposure Evaluation methods-1	Military_01	Human Simulation and Virtual Environments_01/ Manufacturing
11:15-11:30	BRAIN REFRESH								
11:30-13:00	The role of technology for quality and safety in laboratory medicine	Current Studies on Anthropometric Database and Work-related Musculoskeletal Disorders Prevention in Taiwan	Human factor as a whole-rounded discipline: lifestyles and working environment PART 2	Transport Ergonomics and Human Factors (TEHF) 02 / Automotive / Automated vehicles - 2	Aging 03- Manufacturing_others	Implementation of robots and affecting factors	Muskuloskeletal Disorders 07 /All/ Exposure Evaluation methods-2	Ergonomics in Military Context (Part 1)	Development of a compendium of methods for risk assessment of physical workload – A cooperative Project of the German Federal Institute for Occupational Safety and Health (BAuA) and the German Social Accident Insurance (DGUV)
13:00-13:15	BRAIN REFRESH								
13:15-14:45	Ergonomics and Human Factors in Robotic surgery	Muskuloskeletal Disorders 02 /Healthcare/ Experiences in the healthcare sector	Innovative Human Performance Measurements supporting Future Automation challenges in Aviation	Motion as a new Language for Cooperative Automated Vehicles	Experience Exchange amongst Certifying Bodies on Promoting Certification	The Goldilocks Principle: Innovative work design for improved health	User-energy interaction in automotive applications	Ergonomics in Military Context (Part 2)	Sustainable employment and the ageing workforce
14:45-15:00	BRAIN REFRESH								
15:00-16:00									
16:00-16:15	BRAIN REFRESH								
16:15-17:45	Healthcare 12/ patient safety	Pathophysiology of Musculoskeletal Disorders: Crossing Thresholds	Safety & Health 06/ Safety analysis in Automotive, Manufacturing and Others	Transport Ergonomics and Human Factors (TEHF) 08 / Automotive	Constructive ergonomics: enabling interventions and related methodological issues	Organizational Design and Management 09/Healthcare/ Organizational design for healthcare	Muskuloskeletal Disorders 03 / Manufacturing/ Experiences in the manufacturing sector	Military_02	Ergonomics in Manufacturing_05
17:45-18:00	BRAIN REFRESH								
18:00-19:30	The development of Resilience Management Guidelines to protect Critical Infrastructures in Europe and worldwide	Muskuloskeletal Disorders 04 /All/ Vibrations,Tools and Driving	Safety & Health 07/ Others/ Safety analysis	Transport Ergonomics and Human Factors (TEHF) 07 /Transport	IEA Professional Standards and Education Sub-Committee on Certification	Organizational Design and Management 10/Healthcare/ Organizational design for healthcare	Muskuloskeletal Disorders 09 /Office/ Experiences in Office work	Aerospace Human Factors and Ergonomics_01/ Aerospace	
19:30-19:45	BRAIN REFRESH								
19:45-20:45					European Ergonomist get together Apero		TC Meeting - DHMS (formerly HSVE) Digital Human Modeling and Simulation (25 pax)		

Palazzo Congressi						
	Auditorium	Michelangelo	Brunelleschi	Raffaello	Botticelli	Galileo
08:30-09:30	PLENARY 8 BERGAMASCO MASSIMO Virtual Environments and Robotics Technologies for the study of human performance KARWOWSKY WALDEMAR The Human Use of Artificial Intelligence					
09:30-09:45	BRAIN REFRESH					
09:45-11:15	Organizational Design and Management 03/Others/ work organization, environment and and workers	Designing tangible interfaces for human wellbeing	Ergonomics in Design 04 / Education and Training-01	Visual Ergonomics_04/ ICT_Robotics_Education Trainig_ Building and Costruction	Hermeneut Symposia on Human Factors in Cybersecurity	Human Simulation and Virtual Environments_04/Automotive_ ICT_Aerospace
11:15-11:30	BRAIN REFRESH					
11:30-13:00	Coping with complexity and uncertainty: the role of the BRICSplus network in the globalisation of Human Factors and Ergonomics education and training	Ergonomics in Design 07 / Others	Ergonomics in Design 05 / Education and Training-02	Visual Ergonomics_02/ Others	Anthropometry 02- Manufacturing	Human Simulation and Virtual Environments_05/Healthcare
13:00-13:15	BRAIN REFRESH					
13:15-14:45	Insights into Augmenting Technologies For Improving Human Performance	Optimising complex systems through a systems ergonomics approach	Ergonomics in Design 13 / Others	Human-Machine Cooperation in Safety-Critical System	24": The "Pluriverse" Design	Human Simulation and Virtual Environments_06/Transport_ Military
14:45-15:00	BRAIN REFRESH					
15:00-16:30	Symposium OECD/WHO/World bank "Quality care: fulfilling the promise of universal health coverage"	Ergonomic Applications for Working Smart and Living Smart	Ergonomics in Design 06 / ICT	Visual Ergonomics_03	Safety & Health 08/ Others/ Safety analysis	Ergonomics of built environment
16:30-16:45	BRAIN REFRESH					
16:45-18:45	CLOSING SESSION "FUTURE OF ERGONOMICS"					

Poster Session 4
12:30 - 14:00

Passi Perduti
Palazzo Congressi

Palazzo Affari									
	Masaccio	Beato Angelico	Ghiberti	Perugino	Cimabue	Leonardo	Donatello	Giotto	Dante
08:30-09:30									
09:30-09:45	BRAIN REFRESH								
09:45-11:15	Healthcare 16/ patient safety	Dose-response relations between physical exposures in the occupational life and low-back outcomes	Slips, trips and falls 02 / in productive sectors	Transport Ergonomics and Human Factors (TEHF) 03 /Transport / Vehicles safety, errors and accident	Ethical, ergonomic, technological and sustainability issues in Surgery	Organizational Design and Management 11/Others/ work organization, environment and workers	Muskuloskeletal Disorders 05 /All/Manual handling	Forensic Human Factors and Ergonomics: Theory and Reality	Reducing alarm fatigue through ergonomic audible warning design
11:15-11:30	BRAIN REFRESH								
11:30-13:00	Central Vascular Lines Management: clinical and organizational aspects as a focus to prevent adverse events	Muskuloskeletal Disorders 12 /All/ Experiences in the school and miscellanea	Slips, trips and falls 03 / in productive sectors	Transport Ergonomics and Human Factors (TEHF) 04 / Transport / Vehicles ergonomic design - 1	Surgical Pathways	Ergonomics for Children and Educational Environments_04	Muskuloskeletal Disorders 08 /All/ Epidemiological studies	Forensics Human Factors: Human Behavior and Safety Issues	Ergo Africa: Birth and challenges
13:00-13:15	BRAIN REFRESH								
13:15-14:45	Application of Virtual Reality Technologies in Rehabilitation: The current state of art	New Methods in Upper Extremity Exposure Assessments	Gender, Work and Health in Ergonomics: considering sex and gender (s/g) in methods - PART A	Transport Ergonomics and Human Factors (TEHF) 05 / Transport / Vehicles ergonomic design - 2	Global Ergonomics Month: Experiences, stories and initiatives around the world	Ergonomics for Children and Educational Environments_05/ Education and Training	Health and Welfare of Female Workforce: Ergonomics and Occupational Health Perspective	Case Study, Data and Theory in Forensic Human Factors and Ergonomics	The Practical Use of Anthropometric Databases
14:45-15:00	BRAIN REFRESH								
15:00-16:30	Getting ahead of the curve: can we intervene successfully to influence the frequency of medication errors?	Field Measurement Exposure With Inertial Sensors	Gender, Work and Health in Ergonomics: considering sex and gender (s/g) in methods - PART B	Activity Theories for Work Analysis and Design 04/ Future development in Transport, ICT, Building and Construction, Sports Entertainment and Leisure	The importance of the Memorandum of Understanding (MoU) on collaboration between the ICOH Scientific Committee on Occupational Health for Health Workers and the IEA Technical Committee on Healthcare Ergonomics for improvement of work condition in hospital	Ergonomics for Children and Educational Environments_06/ Education and Training	Aerospace Human Factors and Ergonomics_02/ Aerospace_Transport_Military	Organizational Design and Management 07/ Banking and insurance	Anthropometry 01- Education and Training
16:30-16:45	BRAIN REFRESH								
16:45-18.45									