

Greenwich time (GMT)		Thursday 3rd of December, 2020		Video conference links
09:00-09:30		Opening of the conference - Welcome address		
09:30-10:00	Keynote	Prof Oliver Straeter: An objective measure for detecting workload and errors in monotone, repetitive or fatigue-causing environments using pupil variation		
		Coffee break		
		Chair: José Juan Cañas university of Granada	Introduction to session	
10:00-10:20	Session 1: mental workload and education	Giuliano Orru', Luca Longo	Direct and constructivist instructional design: a comparison of efficiency using mental workload and task performance	
10:20-10:40		Andrew P. Smith and Hope Clayton	The effects of chewing gum on perceived stress and wellbeing in students under a high and low workload	conference online session - link 1
10:40-11:00		André Tricot, Sébastien Puma, Rémi Capa, Michel Audiffren, Nathalie André, Florence Lespiau, Stéphanie Roussel, Camille Jeunet, Emilie Massa, Dominique Bellec, Elisabeth Fonteneau, Pom Charras	Working memory resource depletion effect in academic learning. Steps to an integrated approach	
11:00-11:15		coffee break		
11:15-12:15		Special Panel: HF and MWL for the design of new technologies in defense The role of Human Factors and Mental workload assessment for the design of new technologies in Defence Suzy Broadbent (Engineering Manager, Human Factors at BAE Systems) Fiona Cayzer (Human Factors Discipline Head & Technical Specialist at BAE Systems), Sally Prescott (Human Factors Engineering Consultant - Naval Combat Systems BAE)		
12:15-13:30		lunch break		
		Chair: Enrique Muñoz-de-Escalona		
13:30-13:50	Session 2: mental workload and psychology	Mohamad Irwan Ahmad and Andrew P Smith	Associations between job demands, perceptions of noise at work and the psychological contract	
13:50-14:10		Maria Gabriella Pediconi, Sarah Bigi, Michela Brunori, Glauco Maria Genga and Sabrina Venzi	In the Sky Between Expertise and Unexpected Feelings and resources of pilots' resilient Ego. A psychoanalytic point of view	
14:10-14:30		Hasah Alhenieidi and Andrew P Smith	Effects of perceptions of information overload, noise and environmental demands on wellbeing and academic attainment	
14:30-14:45		coffee break		
		Chair: Gianluca di Fumeri		conference online session - link 2
14:45-15:05	Session 3: mental workload and novel models	Enrique Muñoz-de-Escalona, José Juan Cañas, Jessica F. Morales-Guaman	Fundamental frequency as an alternative method for assessing mental fatigue	
15:05-15:25		Jialin Fan and Andrew P. Smith	Causes of Rail Staff Fatigue: Results of Qualitative Analysis and A Diary Study	
15:25-15:45		Enrique Muñoz-de-Escalona, José Juan Cañas, M. Chiara Leva, Luca Longo	Task demand transition peak point effects on mental workload measures divergence	
15:45-16:05		Lisa Jensen	Towards a predictive Model of mental workload in industry: a behavioural approach	
16:05-16:20	Panel and community discussion	Open questions and answers		
16:20		Closing of the first day of conference		
		Friday 4th of December, 2020		
09:00-09:30		Opening of the second day of conference		
09:10-09:30	Training for Human centered workplaces: FEES and TRAIN4WORK initiative	HF Training for the era of Automated and continuous adaptation of work environment to workers and the role that MWL will have in it, Dr Pedro Ferrera (committee member of the Federation of European Ergonomics Societies)		
		Chair: Andrew Smith		
09:30-09:50	Session 4: mental workload and industry applications	Dominic Bläsing and Manfred Bornewasser	Influence of complexity and noise on mental workload during a manual assembly task	
09:50-10:20		Vincenzo Ronca, Dario Rossi, Antonello Di Florio, Gianluca Di Flumeri, Pietro Aricò, Nicolina Sciaraffa, Alessia Vozzi, Fabio Babiloni, and	Contactless Physiological Assessment of Mental Workload during Teleworking-like Task	
10:20-10:40		Myrto Konstantinidou Kostis Kazaras, Konstantinos Kirytopoulos	Human, organizational factors and mental workload for tunnel operators in emergency situations	conference online session - link 3
10:40-11:00		Han Qiao, Xiaotian E, Jingyu Zhang	Proper Communication Style Promotes Team Workload Redistribution through Backup Behavior among Air Traffic Controllers	
11:00-11:20		Coffee break		
		Chair: Pedro Ferrera		
11:20-11:45	Session 5: mental workload and work in progress	Paolo Ciancarini, Mirko Farina, Sergey Masyagin, Giancarlo Succi, Sofia Yermolaieva and Nadezhda Zagvozkina	A Systematic Literature Review On Root Causes Of Interaction Issues In Agile Software Development Teams	
11:45-12:00		Matteo Venerucci	Exploratory Study: Mental Workload and Emotional Reaction During a Videogame Experience	
12:00-12:15		Rozaliya Amirova, Sara Busechian, Vladimir Ivanov, Sergey Masyagin, Anastasia Reprintseva, Ruslan Shakirov, Giancarlo Succi, Herman Tarasau, Ananga Thapaliya, Alexander Tormasov and Oydinoy Zufarova	Preliminary considerations on the effectiveness of the analysis of brain signals to assess the work of software developers	
12:15-12:30		Ana Maria Rodriguez Lopez, Susana Rubio Valdehita and Angélica Marín	Perceived mental workload of retail workers in Spain, first results.	
12:30-12:45		Closing of the conference + AWARDS + online social gathering		conference online session - link 4