

day 4 – Overall Program

08:30	Registration
09:00	Course 1: Introducing WISEWORK-C
11:00	Coffee break
11:15	Opening session <i>Auditorium (with zoom transmission)</i>
11:45	Plenary Session 1 - Housing crisis's impact on occupational health and safety (Maria Fernanda Rodrigues) <i>Auditorium (with Zoom transmission)</i>
12:15	Parallel Sessions
13:00	Lunch break
14:00	Poster session <i>Main-hall</i>
14:30	Plenary Session 2 - Data Sovereignty in Occupational Health Research (Shukun Tokas) <i>Auditorium (with Zoom transmission)</i>
15:00	Parallel Sessions
16:15	Coffee break
16:45	Parallel Sessions
18:00	End of Day 1

day 4 – Auditorium (in person, with Zoom transmission)

11:15	Opening session	
11:45	Plenary Session 1 - Housing crisis's impact on occupational health and safety (Maria Fernanda Rodrigues)	
	Session: New Trends Chair: Matilde Rodrigues	
12:15	2 - Why a new industrial revolution? A critical review	Maria João Oliveira and Catarina Silva
12:30	105 - Light assessment with smartphones and smart applications	Rui B. Melo and Zaida Condessa
12:45	61 - Analysis of the economic and preventive advantages of the robotic technology use for Construction Sector workers	César Calle Moreno, Antonio José Carpio de Los Pinos, María de Las Nieves González García and Carmen Romero Nieto
14:30	Plenary Session 2 - Data Sovereignty in Occupational Health Research (Shukun Tokas)	
	Session: Psychosocial issues Chair: Teresa Cotrim	
15:00	26 - The Impact of Psychosocial Risks on Burnout: Tracing the Pathways to Professional Exhaustion?	Pilar Baylina, Carina Fernandes and Carla Barros
15:15	17 - Health at Work in the Context of Industry 4.0: Methodological Insights from a Garment Factory Case Study	Sarah Maggioli, Daniel Silva and Liliana Cunha
15:30	68 - Mental Health and Well-being Using Technologies in Healthcare Activities: A Systematic Literature Review	Sofia Pinheiro, Ana Pinto, Ivone Silva and Joana Santos
15:45	71 - Stress, Burnout and Academic Achievement Expectations in Students	Vicente Costa, Clara Simões, A. Rui Gomes, Humberto Carvalho, Catarina Morais and Liliana Fontes
16:00	101 - Know, Deepen and Develop: A human-centered perspective to psychosocial risk assessment	Constança Dias, Cláudia Pereira and Marta Santos
16:15	Coffee break	
	Session: Ergonomics Chair: Filipa Carvalho	
16:45	82 - Understanding Human Error: A Study on Workplace Accidents and Safety Culture	Hugo Jesus, Rui Azevedo, Celina P. Leao and Susana Costa
17:00	102 - Multi-component intervention to reduce sedentary behavior in the office work: the effect on perceived musculoskeletal symptoms	Sara Maheronnaghsh, Mário Vaz and Joana Santos
17:15	29 - Symptoms of musculoskeletal disorders in different sectors of activity in Portugal: a case study	Filipa Carvalho and Joana Carlos
17:30	65 - User-Centred Development of 3D Printed Assistive Devices	Vanessa Coelho, Bruno Soares, Cláudia Quaresma and Ana Teresa Gabriel
17:45	66 - Usability in sports equipment development: a literature review	Carolina Maurício and Ana Teresa Gabriel

day 4 – room 1 (in person)

Sessão: Segurança e saúde ocupacionais Moderador: Ema Leite		
12:15	44 - Avaliação de Riscos Comparativa e Proposta de Intervenção num Supermercado – Estudo de Caso	Hugo Alves and Miguel Lopes
12:30	34 - Avaliação de acidente mortal com trator agrícola através da árvore das causas e elaboração de procedimentos de boas práticas	Jose Gomes, Maria Pedrosa and Alzira Parreira
12:45	18 - Comparação de Perigos e Riscos de SST na Reabilitação de Condutas de Drenagem de Águas Residuais Utilizando Técnicas Com Abertura de Vala e Sem Abertura de Vala	Hélia Faria and Paulo Laranjeira
Session: Occupational issues Chair: Ana Colim		
15:00	83 - Conciliation between professional, family, and personal life in a Higher Education Institution	Rita Medeiros, Ana Ferreira, António Loureiro, Lúcia Costa and João Paulo Figueiredo
15:15	56 - Symptoms of Anxiety or Depression studied in workers of different countries, a short review	Maria de Lourdes Noboa Lasso
15:30	8 - Decision Support in Ergonomics: Development and Application of WATEA Tool	Maria Antónia Gonçalves, Alfredo Silva and Marlene Brito
15:45	21 - Emerging Technologies in Occupational Safety and Health: Identification, Use and Perception by OSH Technicians in Portugal	José Queirós, Hélia Faria and Aldina Correia
16:00	45 - Non-technical skills for occupational safety professionals in railway operations in Brazil	Hernâni Veloso Neto and Fagner Sena
Session: Occupational health Chair: Maria Antónia Gonçalves		
16:45	60 - Comprehensive Global Study: Monitoring and Assessment of Ultrafine Particle Exposure	Fernando Miguel Moreira, Ana Ferreira and Nelson Barros
17:00	39 - Preliminary results concerning school staff personal exposure to microbial load – Worry to be considered?	Pedro Pena, Renata Cervantes, Marta Dias, Bianca Gomes, Bruna Riesenberger, Liliana Marques, Margarida Rodriguez and Carla Viegas
17:15	86 - Sleep and cardiac arrhythmias in shift workers - study by holter	Marta Costa, Joaquim Pereira, Clara Santos, João Pedro Lima, Telmo Pereira and Jorge Conde
17:30	90 - Assessment of Indoor Air Quality in University Student Residences and its effects on health	Rita Ferreira, Ana Ferreira, António Loureiro, Sílvia Seco and João Paulo Figueiredo

day 4 – room 2 (in person)

Session: Occupational safety and health Chair: Francisco Silva		
12:15	81 - Understanding the problem of overexertion accidents on food retail sector: preliminary results	Inês Lapa, Tânia Silva, Maltide Rodrigues and Simão Ferreira
12:30	72 - Ultrafine particles - formation, contamination and health effects – a literature review	Fernando Moreira, Ana Ferreira and Nelson Barros
12:45	74 - Occupational Safety and Health legislation applied to the construction industry in Brazil and Portugal: a comparative study	Marcelo Tassitano, João Pedro Couto, José Cardoso Teixeira, Sheyla Mara Baptista Serra, Susana Carneiro, Antonio Pereira do Nascimento and Rui Arrifana
Session: Occupational safety Chair: Fernanda Rodrigues		
15:00	49 - The role of vegetation in attenuating the Urban Heat Island (UHI): A case study in Guimarães, Portugal	Fernando Fonseca, Helder Lopes, Cristina Reis and Ligia Silva
15:15	87 - Safety and firefighting plan for historic centres of Chaves	Amélia Melo, Carlos Rafael da Silva Oliveira, Paula Braga and Cristina Reis
15:30	97 - Evaluation of Fire Safety Resilience of Buildings and Assessment of Fire Safety Systems: A Systematic Literature Review	Benjamin Andoh-Appiah, Susana Sousa and João Santos Baptista
15:45	108 - Occupational risk assessment in mining – a new qualitative method of risk analysis	Oktay Şahbaz and Michał Dworzak

day 4 – Poster Session (in person)

ENGLISH

32	Inclusion of disabled people in the workplace: systematic review from the perspective of ergonomics and the perception of PwDs	Ana Paula de Andrade Simas and Laura Bezerra Martins
103	Assessing benzene exposure at Brazilian petrol stations using the Advanced Reach Tool (ART)	Gilmar C. Trivelato, Elizabeti Y. Muto, Elizabeth S. Figueiredo and Gilcemar A. P. Endlich
111	Aeronautical Information Service of Brazilian airspace control	Frida Fischer, Janio Ferreira and Marcia Fajer
112	Considering interaction effects when assessing alertness within a work environment setting	Rania Christoforou and Marcel Schweiker
131	Mental health questionnaires in spanish medical-aeronautical examinations of crew members and air traffic controllers	Juan M. Millán López, Silvia Portero de la Cruz and Manuel Vaquero Abellán
132	Zearalenone as an occupational hazard in Portugal: What can be expected in a climate change scenario	Susana Viegas, Bianca Gomes, Renata Cervantes, Pedro Pena, Marta Dias and Carla Viegas
133	Budget-friendly protocol for TR34/L98H and TR46/Y121F/T289A mutation detection in Aspergillus section Fumigati isolates	Marta Dias, Margarida Rodriguez, Catarina Vasques, Bruna Riesenberger, Lílíana Marques, Bianca Gomes, Pedro Pena, Renata Cervantes, Susana Viegas and Carla Viegas
141	Studies on IAQ and the potential relationship between airborne microorganisms and particulate matter in School Settings: A Protocol for a Systematic Review	Mariana Ferraz, Manuela Vieira da Silva, Sandra Alves and Joana Santos
142	Psychosocial risk factors in remote work: a systematic review	Hugo Ribeiro, Joana Santos and Carlos Carvalhais
144	DigiRescueMe - First aid training in a virtual quarry scenario	Vasco Reis, J. Duarte, Adeeb Sidani, Oktay Sahbaz, Tomasz Niedoba, Sergio Miranda and J. Santos Baptista

PORTUGUÊS

117	Análise de trabalho com risco especial Estudo de caso – Trabalhos em altura numa empresa de construção civil vs. construção de edifícios	Emanuel Silva, Olga Costa and Paula Soromenho
119	Reintegração profissional após cancro da mama- A jornada de uma enfermeira	Filipa Costa, Bárbara Oliveira E Silva, Joana Peixoto and Sílvia Oliveira
120	Estudo de seroprevalência de anticorpos IgG anti-Varicela Zoster em profissionais de saúde admitidos num hospital terciário	Acácio Júlio Moreira Freire Duarte
125	Queimaduras Ocupacionais: Um Estudo Transversal dos Acidentes de Trabalho de um Centro Hospitalar	Ana Isabel Madureira, Maria Albuquerque, Sofia Rosado Julião, Susana Consciência, André Silva, Francisco Fernandes, Tiago Matoso, Luís Galaio and Ema Sacadura Leite
128	Caracterização dos Acidentes de Trabalho num Hospital Terciário Português entre 2017 e 2023	Paulo Silva, Gonçalo Miranda, Ana Ribeiro, Ana Silva, Inês Cunha, Linda Cruz, João Soares and André Pereira
134	Casuística de tuberculose infeção latente em profissionais de saúde num hospital terciário do norte de Portugal	Acácio Júlio Moreira Freire Duarte
136	A Influência do Stress Laboral em contexto hospitalar: Caso de estudo	Ana Marinho and Paulo Oliveira
138	A Perceção do Burnout em Profissionais de Medicina e Enfermagem: Estudo de caso	Ana Marinho and Paulo Oliveira
139	Asma Ocupacional: uma breve revisão	Paulo Reisinho and Ana Cunha
140	Estudo Comparativo da Presença e Exposição de Partículas Ultrafinas em diferentes atividades	Fernando Miguel Moreira, Ana Ferreira and Nelson Barros

day 5 – Overall Program

09:00	Course 2: New Technologies in Occupational Health and Safety: Motion Capture and Virtual Reality
11:00	Coffee break
11:15	Plenary Session 3 - DigiRescueMe Project Output: Risk Assessment Module (Oktay Sahbaz) <i>Auditorium (with zoom transmission)</i>
11:45	Parallel Sessions
13:00	Lunch break
14:00	Poster session <i>Main-hall</i>
14:30	Plenary Session 4 - TBA
15:00	Parallel Sessions
16:15	Coffee break
16:45	Prize giving ceremony and Closing Session

day 5 – Auditorium (in person, with zoom transmission)

11:15	Plenary Session 3 - DigiRescueMe Project Output: Risk Assessment Module (Oktay Sahbaz)	
	Session: Occupational health Chair: Carla Viegas	
11:45	50 - Characterization of firefighters' respiratory health risks during training structure fires: an exploratory approach	Joana Teixeira, Francisca Rodrigues, Alice Santos-Silva, Cristina Delerue-Matos and Marta Oliveira
12:00	38 - Understanding and Addressing Fungal Exposure Risks in Primary Schools: Implications for Children's Health and Well-being	Renata Cervantes, Pedro Pena, Bianca Gomes, Marta Dias, Bruna Riesenberger, Rodriguez Margarida, Liliana Marques and Carla Viegas
12:15	14 - Levels of fungi in the air of poultry farms following different stages of birds' growth cycle	Bianca Gomes, Marta Dias, Pedro Pena, Renata Cervantes, Margarida Rodriguez, Liliana Marques, Bruna Riesenberger and Carla Viegas
12:30	5 - SARS-CoV-2 immunization in academic community: vaccination schemes efficiency	Edna Ribeiro, Ketlyn Oliveira and Ana Almeida
12:45	30 - Sampling protocol to assess Aspergillus section Fumigati in woodworking environments	Marta Dias, Bianca Gomes, Pedro Pena, Renata Cervantes, Margarida Rodriguez, Bruna Riesenberger, Liliana Marques, Edna Ribeiro and Carla Viegas
14:30	Plenary Session 4 - TBA	
	Session: Occupational risks and accidents Chair: Denisse Bustos	
15:00	93 - Risk management in the rehabilitation of a water spring site	Cristina Reis, Henrique Cunha, Ligia Torres Silva, Fernando Fonseca, Helder Lopes, Paula Braga and Carlos Rafael da Silva Oliveira
15:15	6 - Methods and Techniques for Real Time Construction Risk Assessment - Systematic Review	Filipa Pereira, María de Las Nieves González García and João Poças Martins
15:30	106 - Impacts of e-scooter use on health and well-being: A Systematic Review	Bruno Cardoso, Sara Ferreira and Luciano Moreira
15:45	36 - Analysis of the Atmosphere in Confined Spaces of Construction Sites and Condominiums.	Cláudia Eustáquio, Felipe Cruz, Rogério Araújo, Augusto Santos, Amanda Estolano and Eliane Lago
16:00	109 - Bridging the Gap: Understanding Miners' Needs to Improve Risk Assessment Education	Oktay Şahbaz, Beyza İnceçam, Tomasz Niedoba and J. Duarte
16:45	Prize Giving Ceremony and Closing Session	

day 5 – room 1 (in person)

Sessão: Segurança e Saúde ocupacionais Moderador: Isabel Loureiro		
11:45	12 - O impacto das lesões músculoesqueléticas na qualidade de sono, em trabalhadores fabris	Bruno Machado, Joana Monteiro, Ágata Vieira, Gabriela Brochado, Pedro Oliveira, Sara Ferreira and Sofia Lopes
12:00	54 - Avaliação da qualidade do ar interior em unidades de saúde da região norte de Portugal	Ana Silva and Nuno Ferreiro
12:15	43 - Lesões Musculoesqueléticas Relacionadas com o Trabalho associadas a Riscos Psicossociais, num Centro de Logística e Distribuição Alimentar – Estudo Caso	Vanessa Ribeiro and Miguel Lopes
12:30	46 - Avaliação dos Riscos Psicossociais em duas empresas do Setor Metalúrgico: estudos de caso	Daniela Macedo, Miguel Lopes and Vanda Lima
12:45	89 - Protocolo de vigilância da saúde de trabalhadores expostos ao Ortoftalaldeído em Unidades de Saúde	Sofia Rosado Julião, Maria Albuquerque, Isabel Madureira, Bruna Friães, Gary Morales and Ema Leite
Session: Occupational safety and health Chair: Nelson Rodrigues		
15:00	73 - Critical analysis on Brazil and Portugal's occupational safety and health construction legislative framework	Marcelo Tassitano, João Pedro Couto, José Cardoso Teixeira, Sheyla Mara Baptista Serra, Susana Carneiro, Antonio Nascimento and Rui Arrifana
15:15	55 - Evaluation of the Effectiveness of a Beacon Device in Situations of Loss of Balance	Roberto Revoredo, Amanda Estolano, Felipe Mendes, Rogério Pontes, Eliane Gorga Lago and Augusto Santos
15:30	41 - Assessment of the thermal comfort of a masonry building	Ana Marta Moreira Carneiro, Pedro Miguel Costa Gonçalves, Rafael Alexandre da Silva Saraiva, Daniel V. Oliveira, Luis António Sousa Barreiros Martins, José Teixeira, Nelson Rodrigues, Ana Ferreira and Senhorinha Teixeira
15:45	92 - Impact of Vibration Exposure on the Health of Construction Workers	Maria Vieira, Helder Simões, João Paulo Figueiredo, Óscar Tavares and Ana Ferreira
16:00	100 - Comparison of occupational radon exposure with residential radon exposure – a case study	Ana Silva and Maria de Lurdes Dinis

day 5 – Poster Session (in person)

ENGLISH

9	Healthcare professionals' occupational exposure to nanoparticles: a short review	Elsa Resende, Mário Vaz and J. Duarte
27	Accessibility Challenges in the Use of the Integrated Academic Activities Management System (SIGAA) by Deaf and Hearing Students: A Qualitative Perspective	Dayane Araujo and Laura Martins
28	Proposal for a data-driven model for occupational safety	Pedro Reis, J. Santos Baptista and J. Duarte
35	Overview of the inclusive environment in a public higher education institution in PE – Brazil	Ana Maria de Figueirêdo Beltrão and Laura Bezerra Martins
37	Exploring Safety Climate Variability: A Case Study in the Metallurgy Sector	Andreia Leite, Isabel Loureiro, Celina P. Leao and Rui Azevedo
69	Enhancing Workers' Training through Augmented Reality: A Preliminary Human-centric Approach	Rosa Mariana Silva, Rosana Alexandre, Filipe Moreira, Duarte Fernandes, Pedro Lima, Maura Barbosa and Ana Colim
84	Exposure to pesticide, risk assessment and analysis of occupational health and safety context in agriculture: a systematic review	Andreia Moreira and Manuela Vieira da Silva
113	The impact of industrial noise on workers psychologically and organically An applied study in the BMS ELECTRIC company in Algiers	Bayoub Aissa
114	Effect of an occupational promotion program on subjective and objective health status among employees of a catering company	Sara Fernandes, Pedro Graça, Bruno Oliveira and Sara Rodrigues
115	Analyze whether exposure to a health promotion program changes the food consumption and adherence to the Mediterranean dietary pattern in Portuguese employees	Sara Fernandes, Pedro Graça, Bruno Oliveira and Sara Rodrigues
118	Development of a LabView application to estimate the WBGT index	A. Virgílio M. Oliveira, Gilberto C. Vaz, Juha Oksa, António Raimundo, Adélio Gaspar and Divo Quintela
121	Mental Health Determinants in Firefighters: A Systematic Review - Exploring Anxiety and Depression	Maria de Lourdes Noboa-Lasso and Paolo Pastore
122	Safety training for immigrants: A systematic review	Paolo Pastore and Maria de Lourdes Noboa Lasso



Hybrid Symposium PROGRAM

123	Virtual reality (VR)-based safety training in constructions: A systematic review	Paolo Pastore and Maria de Lourdes Noboa Lasso
126	Particulate Matter Pollution in Primary Schools: Preliminary Results of EDC(Mind)2 project	Ricardo Coelho, Cátia Peixoto, Ana Margarida Faria, Geroges Hatem, Mariana Pinto, Joana Madureira, João Teixeira, Maria do Carmo Pereira and Klara Slezakova
127	Exploring the impact of an intervention program in Portuguese office buildings on indoor environmental conditions	Fátima Felgueiras, André Moreira and Marta Gabriel
129	A multi-approach sampling strategy to assess exposure to microbiologic agents in poultries	Bianca Gomes, Marta Dias, Pedro Pena, Renata Cervantes, Margarida Rodriguez, Liliana Marques, Bruna Riesenberger and Carla Viegas
130	Fungal Contamination in Lisbon's Primary Schools - Sampling Insights and Analytical Approaches	Renata Cervantes, Pedro Pena, Bruna Riesenberger, Liliana Marques, Margarida Rodriguez, Bianca Gomes, Marta Dias and Carla Viegas
145	Confined Space Safety training: A systematic review	Paolo Pastore

Virtual presentations

ENGLISH

3	Factors Underlying Mobile Phone Segmentation Among Elderly: Restart and Update	Ljupcho Efremov and Elsa Abboud
4	Behind individuals' occupational health and safety risk assessment behavior	Maria Lindholm and Jouni Kivistö-Rahnasto
7	The first day of work in the company, a point of view from the analysis of fatal accidents at work in Spain	Jose Luis Fuentes-Bargues, Alberto Sánchez-Lite, Cristina González-Gaya and Miguel Angel Artacho-Ramírez
10	Inertia and Sleep Disorders: A comparative qualitative study between professional and volunteer firefighters	Gabriela Gonçalves, António Sousa, Cátia Sousa and Ana Luís
11	The Role of Demographics as Predictors of Overall Patient Satisfaction in The Republic of North Macedonia	Ljupcho Efremov and Vera Dimitrievska
13	Safety culture maturity in four Finnish food industry companies	Noora Nenonen and Minna Rantala
15	The Nexus of Nature-Based Solutions and Sustainability in Cities: Vegetation's Impact on Particulate Matter Capture and Traffic Noise Reduction	Ligia Silva, Helder Lopes, José Silva, Cristina Reis and Fernando Fonseca
16	Measures for managing the safety and health of social care employees while working at clients' homes	Johanna Pulkkinen and Maria Lindholm
24	The Marvelous advances of artificial intelligence with computer vision on occupational health and safety in manufacturing environments: A systematic literature review	Teerayut Sa-Ngiamsak, Tomi Zlatar and Anamai Thetkathuek
25	Health professionals' perceptions of workplace violence	Ana Silva and Maria de Lurdes Dinis
31	Mental stress associated with working conditions: A cross-sectional study among transit agency workers in Ecuador	María Barcos-Bernal, Meleyne Moreira-Santana, Juan Piedra Gonzalez and Raúl Ernesto Gutiérrez Alvarez
33	Risk exposure to the development of low back pain in health professionals of an Integrated Continuing Care Unit in the Central Region of Portugal	Júnia Costa, Virginia Prazeres and Tânia Rodrigues
42	Ergonomic study of a cutting and inspection workstation at a textile industry	Bruna Fernandes, César Barroso, Andreia Gomes, Ana Monteiro, Diogo Alves, Ana Colim and Paula Carneiro



Hybrid Symposium PROGRAM

47	Burnout in Times of Crisis: Sociodemographic and Work-related Profile of Burnout, during an Extreme Situation	Soraia Oliveira, Carla Carvalho, Ana Pinto, Pedro Mendes and Miguel Baião
48	Overnight work and its relationship with mental stress: A descriptive study for oilfield workers in Ecuador	Byron Reinoso-Paredes and Raúl Ernesto Gutiérrez Alvarez
57	Assessment of psychosocial factors in the Brazilian occupational context – a scoping review	Claudia Ollay, Anabela Pereira and Teresa Patrone Cotrim
58	Identifying system performance variability in the concreting of a building slab	José Marcelo Tierra-Arévalo, María del Carmen Pardo-Ferreira, Francisco Salguero-Caparrós and Juan Carlos Rubio-Romero
59	Influence of anthropometric parameters on low back forces in snatch and clean & jerk movements via digital human modeling	Denise Soares, Karim Abbady, Suat Kasap and Dimitar Shabanliyski
62	Health Status among workers from a catering company: association between subjective and objective measures	Sara Fernandes, Pedro Graça, Bruno Oliveira and Sara Rodrigues
63	The Influence of Internal Occupational Health and Safety Audits on Organizational Performance	Filipe Carvalho, Tânia Oliveira and Estela Vilhena
64	Developmental Coordination Disorder among Uzbekistan adolescents: a preliminary study of gender prevalence	Orifjon Saidmamatov, Jasurbek Jammатов, Xasan Matniyazov, Quvondiq Raximov, Denise Soares, Claudia Noemia Soares de Sousa, Olga Vasconcelos, Rita Barros and Paula Rodrigues
67	Comparative Analysis Between Computer-based and Observational Methods for Biomechanical Risk Assessment	Paulo Anacleto, Ana Colim, Paula Carneiro, Sérgio Ivan Lopes and Cristiano Jesus
75	Job Crafting in The Health Context - Possibilities and Limits: A Systematic Review	Fernanda Jorge and J. Duarte
76	Risk assessment of VOCs in health clubs - A case study	Cátia Peixoto, Gabriela Ventura, Maria Do Carmo Pereira, Simone Morais and Klara Slezakova
77	Job Crafting assessment: a Systematic Review	Fernanda Jorge and J. Duarte
79	Towards data-driven occupational health and safety in the construction industry	Juan Antonio Torrecilla-García, Agnieszka Grazyna Skotnicka, Rosa María Anaya-Aguilar and Juan Carlos Rubio-Romero



Hybrid Symposium PROGRAM

88	Arterial stiffness and obesity in adult females	Bárbara Babo Duarte, Joaquim Pereira, Julieta Pama, João Pedro Lima, Telmo Pereira and Jorge Conde
95	Lactate capillary as an indicator of physiological overload in firefighters: A short review	Tatiana Teixeira, Joana Santos, Mário Vaz and J. C. Guedes
96	Effort Perception and Workloads in Volunteer Firefighters in Wildfires	Tatiana Teixeira, Joana Santos, Mário Vaz and J. C. Guedes
98	Secure Connect: Revolutionizing Electrical Safety with Innovative Locking Wall Plug and Outlet Solutions	Ricardo P. Arciniega-Rocha, Vanessa C. Erazo-Chamorro, Gyula Szabó, Fernando Flores and Miroslav Bojkovski
99	Bridging Comfort and Clarity: A Revolutionary Headset for Glasses Wearers	Vanessa C. Erazo-Chamorro, Ricardo P. Arciniega-Rocha, Maria Gabriela Balarezo, Batsuuri Erdenetsogtbaatar and Gyula Szabó
104	Prevalence of musculoskeletal disorders within solid waste collectors	Pamela Sant'Anna, Nélon Costa, Eliane Lago and Pedro Arezes
107	Tools for detecting the mental health of miners	Sergio Miranda, Ruggero Andrisano Ruggieri and Renata De Lisa
110	Sleep Quality and Mental Health in Volunteer Firefighters	Tatiana Teixeira, Joana Santos, Mário Vaz and Joana C. Guedes
116	Carpooling practices at work and their impact on commuters' safety	Vicente Delgado Fernández, María del Carmen Rey Merchán, Manuela Pires Rosa and Antonio Lopez-Arquillos

PORTUGUÊS

19	Doente oncológico - o trabalho como terapêutica paliativa	Bárbara Oliveira E Silva, Joana F.Peixoto, Filipa Duarte Costa and Sílvia Oliveira
20	Vírus monkeypox e profissionais de saúde: protocolo de intervenção num hospital terciário português	Bárbara Oliveira E Silva, Joana F.Peixoto, Filipa Duarte Costa and Sílvia Oliveira
22	Hipertensão Intracraniana Idiopática: Os desafios de uma enfermeira	Filipa Costa, Joana Peixoto, Bárbara Silva and Sílvia Oliveira
52	A profissional de saúde grávida – atuação dos serviços de saúde ocupacional	Ana Sofia Ramos, Ana Inês Vasques, Flávio de Oliveira Ribeiro, João Barbosa Fernandes, Marta Lagoa, João Bento, Lisa Pires, Luís Rocha and Carlos Ochoa Leite
53	Vírus da varicela zoster - proposta de atuação dos serviços de saúde ocupacionais hospitalares	Ana Sofia Ramos, Ana Inês Vasques, Flávio de Oliveira Ribeiro, João Barbosa Fernandes, Marta Lagoa, João Bento, Lisa Pires, Luís Rocha and Carlos Ochoa Leite
54	Avaliação da qualidade do ar interior em unidades de saúde da região norte de Portugal	Ana Silva and Nuno Ferreiro
78	Caracterização dos acidentes de trabalho decorrentes da exposição a fatores de risco químicos num Hospital terciário português entre 2012 e 2022	Cláudia Andrade, Afonso Aguiar, Bruna Friães, Patrícia Almeida, Francisco Fernandes, Susana Consciência, André Lima, Tiago Matoso, Ana Isabel Correia and Ema Leite
85	Acidentes de origem elétrica e instalações elétricas: Diagnóstico em propriedades rurais de pequeno porte	Caroline Raduns, Edson Martinho and Danilo Ferreira de Souza
119	Reintegração profissional após cancro da mama- A jornada de uma enfermeira "abstract"	Filipa Costa, Bárbara Oliveira E Silva, Joana Peixoto and Sílvia Oliveira
124	Riscos elétricos em áreas residenciais: ferramenta de diagnóstico e tomada de decisão	Caroline Raduns, Mauro Fonseca Rodrigues and Taciana Paula Enderle