

**EPICOH 2023, MUMBAI INDIA [www.epicoh2023.in](http://www.epicoh2023.in)**

THE 29<sup>TH</sup> SYMPOSIUM ON EPIDEMIOLOGY IN OCCUPATIONAL HEALTH *incorporating* THE 71<sup>ST</sup> ANNUAL CONFERENCE OF IAOH MUMBAI BRANCH

THEME: OCCUPATIONAL HEALTH EPIDEMIOLOGY: NEED FOR CONCERTED ACTION

Tuesday, 14th March 2023		
Venue: Centre for Cancer Epidemiology, Tata Memorial Centre, Kharghar, Navi Mumbai		
10:00 - 11:00		REGISTRATION (For Pre-Conference Workshop participants)
11:00 - 17:00	Khanolkar Shodhika Auditorium	<p><b>PRE-CONFERENCE WORKSHOP</b>  <a href="#">Research methodology at the Workplace for young OH Professionals &amp; early career researchers</a></p> <ul style="list-style-type: none"> <li>• Dario Consonni, Milan Polyclinic Hospital, Italy</li> <li>• Hans Kromhout, Utrecht University, The Netherlands</li> </ul> <p align="right">Session Coordinators: Vandana Shinde, Neetika Chauhan</p>
13:00 - 17:00	Board Room 2 <sup>nd</sup> Floor, Centre for Cancer Epidemiology	<p><b>ROUND TABLE</b>  <a href="#">Global Collaboration on Creating Research Opportunities for Occupational Cancer in LMIC</a></p> <ul style="list-style-type: none"> <li>• Laura Beane-Freeman, NCI, USA</li> <li>• Sara De Matteis, University of Cagliari</li> <li>• Mary Schubauer-Berigan, IARC-WHO, France</li> <li>• Ann Olsson, IARC-WHO, France</li> <li>• Paul Demers, OCRC, Canada</li> <li>• Malcolm Sim, Monash University, Australia</li> <li>• Damien McElvenny, IOM, UK</li> <li>• Sanjay Zodpey, PHFI, New Delhi</li> <li>• Santasabuj Das, ICMR-NIOH, Ahmedabad</li> <li>• Shyam Pingle, IIPH Gandhinagar</li> <li>• Prashant Mathur, ICMR-NCDIR, Bengaluru *</li> <li>• Bishwadeep Paul, IAOH, Mumbai</li> <li>• Rajesh Dikshit, TMC, Mumbai</li> <li>• RK Elangovan, DGFASLI, Mumbai</li> <li>• Jagadish Kakodkar, Goa Medical College</li> <li>• Ravindra Kembhavi, HBT Medical College</li> <li>• JS Thakur, PGIMER, Chandigarh *</li> <li>• U.C. Ojha, ESIC PGIMSR, New Delhi</li> <li>• Vivekanand Kambar, ESIC Hospital, Kochi</li> <li>• SM Shanbhag, IAOH, Mumbai</li> <li>• T Rajgopal, IAOH, Mumbai</li> <li>• R Rajesh, IAOH, Mumbai</li> <li>• Suvarna Moti, IAOH, Mumbai (Rapporteur)</li> <li>• Joel Samuel, IAOH, Mumbai (Asst Rapporteur)</li> <li>• Ashish Mishra, IAOH Mumbai (Moderator)</li> </ul>
17:00 - 18:30	Khanolkar Shodhika Auditorium	DEBRIEFING: Workshop & Round Table Attendees
19:00 - 21:30		FACULTY DINNER (By Invitation only)

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THEME: OCCUPATIONAL HEALTH EPIDEMIOLOGY: NEED FOR CONCERTED ACTION

<b>Wednesday, 15th March 2023</b>		
Venue: Center 1, World Trade Centre, Mumbai		
08:00 onwards	REGISTRATION & SNACKS	
09:00 - 09:45	INAUGURATION CEREMONY	South Lounge Ground Floor
09:45 - 10:00	TEA BREAK	
Coordinators of the Day: Amruta Desai, Swapnali Yerunkar, Vandana Shinde, Jeevan Waghmare, Mukesh Khanna, Rakesh Matekar		
10.00 - 10:40	<b>PLENARY 1 IA OH MUMBAI BRANCH - DR K.M. BHANSALI MEMORIAL ORATION</b> <b>Prof. Sanjay Zodpey, MD, PhD, DSc (Honoris Causa)</b> (President, Public Health Foundation of India) <i>Status of Occupational Epidemiology in India – Gaps and Opportunities</i> Chair: Dr Bishwadeep Paul, President, Indian Association of Occupational Health	South Lounge Ground Floor
10:40 – 11:40	SYMPOSIUM - 1 <span style="float: right;">South Lounge Ground Floor</span> Joint symposium with SC Mining Occupational Safety & Health (MinOSH) <i>Occupational Respiratory Diseases &amp; health burden in new work settings</i> <ul style="list-style-type: none"> <li>Paul Blanc <i>Silica, Coal, and Autoimmune Disease</i></li> <li>Ade Dwi Lestari <i>Current Situation Occupational Asbestosis Related Diseases in Indonesia</i></li> <li>PK Sishodiya (Moderator) <i>Prevalence of silicosis in stone carving and sandstone mining industry in Rajasthan</i></li> </ul>	SYMPOSIUM - 2 <span style="float: right;">Centrum A – 1<sup>st</sup> Floor</span> Joint Symposium with SC OH and Development (SCOHDev) <i>Research opportunities at the Workplace for young OH Professionals &amp; development of new methods</i> <ul style="list-style-type: none"> <li>Bobby Joseph <i>Challenges and opportunities for OH research in developing countries</i></li> <li>Samuel Fuhriemann <i>Moving from observation to intervention: Lessons learned from interdisciplinary research projects on pesticide-related risks in organic and conventional smallholder farming systems in Africa</i></li> <li>Kaitlin Kelly-Reif <i>Challenges and opportunities in contemporary Occupational Epidemiology research</i></li> <li>Laura Beane Freeman (Moderator)</li> </ul>

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Wednesday, 15th March 2023

Venue: Center 1, World Trade Centre, Mumbai

SESSION 1: ORAL PAPERS, 11:45 - 13:00

South Lounge Ground Floor	Centrum A – 1 <sup>st</sup> Floor	Centrum B – 1 <sup>st</sup> Floor	Committee Room – 31 <sup>st</sup> Floor	Board Room – 31 <sup>st</sup> Floor
<b>1A</b> Respiratory Effects / Diseases	<b>1B</b> Occupational epidemiology in Unorganised sectors	<b>1C</b> Exposures / Covid-19	<b>1D</b> (Online papers) Carcinogens / Cancer	<b>1E</b> (Online papers) Shift Work/ Work capability
Chair: Vivi Schlünssen, Shyam Pingle	Chair: Neil Pearce, Rishikesh Naik	Chair: Ioannis Basinas, Santosh Datar	Chair: Christine Barul, Sachin Kawale	Chair: Jenny Selander, Vidya Kiran Bhat
<b>O.1A1</b> Silicosis In Artificial Stone Benchtop Workers: A Warning from Australia - <b>Ryan Hoy</b>	<b>O.1B1</b> Assessing Exposure to Diesel Particulate Matter of Truck Drivers and Streetside Vendors in A Heavily Industrialised City in India - <b>Harish Phuleria</b>	<b>O.1C1</b> Ischemic Heart Disease and Occupational Exposure to Dust - <b>Regitze Sølling Wils</b>	<b>O.1D1</b> Increased Lung Cancer Risk and Occupational Benzene Exposure: Results from a Pooled Case-Control Study - <b>Wenxin Wan</b>	<b>O.1E1</b> Sleep Timing and Duration After Night Shifts Among Permanent Night Workers and Shift Workers - <b>Anne Helene Garde</b>
<b>O.1A2</b> The Exposure-Response Relation Between Occupational Exposure to Respirable Crystalline Silica and Incident Interstitial Lung Diseases: A Prospective Follow-Up Study - <b>Henrik Kolstad</b>	<b>O.1B2</b> Obstructive Lung Disease Associated with Occupational and Environmental Exposures Among Small-Scale Tobacco Farmers in Malawi - <b>Yotam Moyo</b>	<b>O.1C2</b> Risk For Hospitalization Due to Covid-19 In Relation to Occupational Exposures as Estimated by Two Different Job-Exposure Matrices - <b>Maria Albin</b>	<b>O.1D2</b> Implementation Of the Workers' Exposure Survey to Assess Workplace Exposures to Cancer Risk Factors in Europe: Pilot Study - <b>Nadia Vilahur</b>	<b>O.1E2</b> Night Shift Work and Sleep Deprivation in Relation to Vaccine Induced Sars-Cov-2 Antibody Responses in a General Population Cohort (COVICAT Study) - <b>Kyriaki Papantoniou</b>
<b>O.1A3</b> Respirable Dust Exposure and Lung Function Parameters for Non-Smoker Metropolitan Bus Drivers of Gujarat, India - <b>Ankit Viramgami</b>	<b>O.1B3</b> Acute Health Symptoms Following Pesticides Exposure Among Farmers in Kelantan State, Malaysia - <b>Zulkhairul Naim Bin Sidek Ahmad</b>	<b>O.1C3</b> Public transport workers and COVID-19 risk: a cohort study in Italy - <b>Sara De Matteis</b>	<b>O.1D3</b> Nested Case-Control Study of Skin Melanoma Incidence in Danish Male Military Pilots - <b>Julie Elbaek Pedersen</b>	<b>O.1E3</b> Time Schedule And the Total Amount of Night Shifts in Relation to Depression Among Hong Kong Nurses - <b>Beixi Li</b>

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<p><b>O.1A4</b> Potential Occupational Sensitizing Exposures and Development of Asthma: An Overview of Systematic Reviews - <b>Vivi Schlünssen</b></p> <p><b>O.1A5</b> Effect Of Occupational Exposure to Volatile Organic Compounds and Inorganic Dusts on Respiratory Health - <b>Priscilla Johnson</b></p>	<p><b>O.1B4</b> Prevalence And Determinants of Hypertension Among Blue Collar Jobs: Observations from Multicentre Study - <b>Rakesh Balachandar</b></p> <p><b>O.1B5</b> A Cross Sectional Study to Assess the Occupational Health Hazards Among Fisherwomen in A Metropolitan City - <b>Aditi Dey</b></p> <p><b>O.1B6</b> Occupational Health Problem Assessment of Workers Involved in Cotton Harvesting of Haryana - <b>Bangaru Sai Prakash</b></p>	<p><b>O.1C4</b> Intensive Care Unit Physicians' Challenges on Occupational Safety and Health During the Covid-19 Pandemic: A Scoping Review - <b>Abdul Aziz Harith</b></p> <p><b>O.1C5</b> Work-Related And Personal Risk Factors for Contact Dermatitis: A Systematic Review - <b>Henk F van der Molen</b></p>	<p><b>O.1D4</b> Carex Canada: Prevalence and Level of Occupational Asbestos Exposure in Canada in 2016 - <b>Elizabeth Rydz</b></p> <p><b>O.1D5</b> Occupational Exposure to Extremely Low-Frequency Magnetic Fields and Postmenopausal Breast Cancer Risk - <b>Saeedeh Moayedi-Nia</b></p> <p><b>O.1D6</b> Role Of Father's Occupational Exposure in The Genesis of Childhood Leukaemia in Unorganized Sectors: A Case-Control Study - <b>Zeineb Athimni</b></p> <p><b>O.1D7</b> Longitudinal Changes of Oxidative and Methylated DNA Damage Among Workers Handling Engineered Metal Oxides Nanoparticles - <b>Tingyao Su</b></p>	<p><b>O.1E4</b> Occupational Differences in Working Life Expectancy and Working Years Lost in Nordic Countries - <b>Karina Udem</b></p> <p><b>O.1E5</b> Vocational Prognosis in Young Individuals with Acquired Brain Injury: A Nationwide Cohort Study - <b>Maja Søndergård Worm</b></p> <p><b>O.1E6</b> Prevalence Of Workplace Violence Amongst Healthcare Workers: Estimates from A Before-After Study on Incident Reporting in Northern Italy - <b>Giovanni Veronesi</b></p> <p><b>O.1E7</b> Industrial Sector Differences in Working Years Lost Due to Work Disability and Unemployment After the Financial Crisis - <b>Taina Leinonen</b></p>
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13:00 - 14:30	LUNCH & POSTER SESSION 1 (PS1 – Screen A, B, C) ## see appendix	Coordinator: Unmesh Korde
	@ EARLY CAREER NETWORK - MENTORING LUNCH MEETING	

@ Open to all early career researchers within 5 years of terminal degree. Join up with senior researchers to have informal conversations over lunch.

Wednesday, 15th March 2023

Venue: Center 1, World Trade Centre, Mumbai

SESSION 2: ORAL PAPERS, 14:30 - 15:30

South Lounge Ground Floor	Centrum A – 1 <sup>st</sup> Floor	Centrum B – 1 <sup>st</sup> Floor	Committee Room – 31 <sup>st</sup> Floor	Board Room – 31 <sup>st</sup> Floor
<b>2A</b> Respiratory Effects / Diseases	<b>2B</b> Occupational epidemiology in Unorganised sectors	<b>2C</b> Bullying/ Stress/ Violence	<b>2D</b> (Online papers) Exposures	<b>2E</b> (Online papers) Healthcare & other workers
Chair: Anjoeka Pronk, Suvarna Moti	Chair: Paul Demers, Sashikala Chandrasekar	Chair: Marc Schenker, Vini Nair	Chair: Daisy Boers, Vishwaraj Mhalshekar	Chair: Kyriaki Papantoniou, Divyang Shah
<p><b>O.2A1</b> Effect Of Occupational Exposure to Volatile Organic Compounds and Inorganic Dusts on Respiratory Health - <b>Priscilla Johnson</b></p> <p><b>O.2A2</b> Qualitative And Quantitative Assessment of Workplace Respirable Dust and Pulmonary Function Among Non-Smoker Ceramic Industry Workers - <b>Ankit Sheth</b></p> <p><b>O.2A3</b> Sex Differences in Work-Related Chronic Obstructive Pulmonary Disease - <b>Jeavana Sritharan</b></p>	<p><b>O.2B1</b> Climate Change Impacts on Outdoor Workers – Presenting Epidemiological Evidence from Agriculture and Construction Sectors - <b>Vidhya Venugopal</b></p> <p><b>O.2B2</b> Occupational Health and Safety in The California, USA Cannabis (Marijuana) Industry - <b>Marc B. Schenker</b></p> <p><b>O.2B3</b> 7-Year Follow-up in A Young Adult Population at Risk of Mesoamerican Nephropathy - <b>Neil Pearce</b></p>	<p><b>O.2C1</b> Prevalence And Outcomes of Exposure to Client-Perpetrated Violence in The Child Welfare Service: Comparison of Two Different Measurement Methods - <b>Sana Parveen</b></p> <p><b>O.2C2</b> Effectiveness Of Organizational Interventions to Prevent Occupational Burnout: A Systematic Review and Meta-Analysis - <b>Irina Guseva Canu</b></p> <p><b>O.2C3 *</b> Correlates Of Workplace Stress Among Employees of Panjab University - <b>Naveen Krishan Goel</b></p>	<p><b>O.2D1</b> Retrospective Exposure Assessment and Mirna in The Exhaled Breath Condensate in Monitoring Past Exposure to Asbestos - <b>Pierluigi Cocco</b></p> <p><b>O.2D2</b> Effectiveness Of Earmuffs in Reducing Development of Standard Threshold Shift Among Steel Rebars Manufacturing Workers. An Intervention Study - <b>Israel P. Nyarubeli</b></p> <p><b>O.2D3</b> Occupational Exposure to Noise and Myocardial Infarction Risk in Sweden - <b>Claudia Lissåker</b></p>	<p><b>O.2E1</b> Surgeons Report a High Prevalence of Musculoskeletal Pain and Home, Work Conflict - <b>Karen Walker-Bone</b></p> <p><b>O.2E2</b> Sleep Apnoea Syndrome and Night Work in Health Care Personnel - <b>Hanene Ben Said</b></p> <p><b>O.2E3</b> Impact Of Menopausal Symptoms on Work: Findings from Women in The Health and Employment After Fifty (HEAF) Study - <b>Stefania D'Angelo</b></p>

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<p><b>O.2A4</b> Occupational Inhaled Agents Constitute Major Risk Factors for Rheumatoid Arthritis, Particularly in The Context of Genetic Predisposition and Smoking - Lars Alfredsson</p>	<p><b>O.2B4</b> Occupational Risk Assessment on Hands Among Gardeners Involved with Commercial Plant Nursery Industry – Unorganized Sector of Jabalpur, India - Bangaru Sai Prakash</p>		<p><b>O.2D4</b> Occupational Exposure to Epoxy and Risk of Dermatitis: A Register-Based Follow-Up Study of The Wind Turbine Industry - Alexandra Golabek Christiansen</p> <p><b>O.2D5</b> Cleaning And Disinfecting Tasks, Products and Volatile Organic Compound Exposures Associated with Asthma Outcomes in Healthcare Settings - Mohammed Abbas Virji</p> <p><b>O.2D6</b> Occupational Radon Exposure in Canada - Cheryl Peters</p> <p><b>O.2D7</b> Cohort Profile: The Taiwan Nanomaterial Handling Workers Cohort Study (TNHWCS) - Wei Te Wu</p>	<p><b>O.2E4</b> Traditional Cooling Drinks and Their Effects on Occupational Heat Stress and Strain Among Outdoor Workers – Results of A Preliminary Study - Rekha Shanmugam</p> <p><b>O.2E5</b> Fatal Occupational Injuries in Farming, Fishing and Forestry Occupations in Southeast Asia, Australia, And Selected European Coastal Countries, 2010- 2015 - Mahshad Nazarihaghighipashaki</p> <p><b>O.2E6</b> Preliminary Evidence of Physical Activity Interventions at Workplace on Cognitive Functions Among Desk-Based Employees - Baskaran Chandrasekaran</p> <p><b>O.2E7</b> Myocardial Infarction Incidence Rates Among Night Workers in The Danish Health Care Sector: Exposure-Response Relations - Jesper Medom Vestergaard</p>
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15:30 – 15:45	TEA
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Wednesday, 15th March 2023			
Venue: Center 1, World Trade Centre, Mumbai			
	<b>SYMPOSIUM – 3</b> Differences across jobs in infections, hospitalizations, and mortality due to COVID-19: recent research and methodological issues	South Lounge Ground Floor	<b>SYMPOSIUM – 4</b> Joint Symposium with SC Rural Health: Agriculture, Pesticides & Organic Dusts
15:45 - 16:45	<ul style="list-style-type: none"> <li>• Karen Oude Hengel* <i>The impact of occupational exposure on the infections rates with Sars-Cov-2 in the Netherlands</i></li> <li>• Luise Møhlenberg Begtrup <i>Work-related SARS-CoV2 and Covid19</i></li> <li>• Kurt Straif <i>Differences and similarities of occupational risk factors for COVID-19 across waves of the pandemic; extended follow-up of the COVICAT cohort</i></li> <li>• Martie van Tongeren <i>Synthesis of evidence from the PROTECT UK National Core Study: Exploring occupational risks of SARS-CoV-2 infection and COVID-19 mortality</i></li> <li>• Neil Pearce <i>Occupational differences in risk of Covid-19: findings and methodological issues</i></li> <li>• Sara De Matteis (Moderator)</li> </ul>		<ul style="list-style-type: none"> <li>• Pierluigi Cocco* <i>What originates so different interpretations of the results of studies on glyphosate and non-Hodgkin's lymphoma?</i></li> <li>• Claudio Colosio* <i>The SICURPEST computational model for estimation of retrospective pesticide exposure in epidemiological studies</i></li> <li>• Sashikala Chandrasekar (Moderator) <i>Organic Dust &amp; Aerosol Exposure in Sericulture Workers - Is Occupational Health in cottage industries addressed?</i></li> </ul>
16:45 - 17:25	<b>PLENARY 2 IA OH MUMBAI BRANCH - WORKSAFE INDIA ORATION</b> <b>Dr. Ann Olsson, Ph.D.</b> (Scientist, Environment and Lifestyle Epidemiology, International Agency for Research on Cancer – World Health Organization) <i>Occupational Cancer Epidemiology – From Hazard Identification to Cancer Prevention</i> Chair: Dr Shrinivas Shanbhag, Conference Chair & Past President IA OH		South Lounge Ground Floor
17:30 - 18:30	<b>ICOH SC Business Meetings</b>		
	CENTRUM A – 1 <sup>st</sup> Floor	Committee Room – 31 <sup>st</sup> Floor	Jasmine – 1 <sup>st</sup> Floor
	<b>SC EPICOH</b>	<b>SC OH Dev</b>	<b>SC OH Chemical Industry</b>

\*Online presenter

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Thursday, 16th March 2023	
Venue: Center 1, World Trade Centre, Mumbai	
Coordinators of the Day: Divyang Shah, Neetika Chauhan, Sachin Kawale, Vidya Bhat, Shelly Sagar, Vishwaraj Mhalshekar	
08:30 onwards	REGISTRATION & SNACKS
09:00 - 09:40	<p>PLENARY 3 <span style="float: right;">South Lounge Ground Floor</span></p> <p><b>Dr. Alexander P. Keil, Ph.D.</b> (Stadtman Investigator, National Cancer Institute - Division of Cancer Epidemiology and Genetics, NIH, USA)</p> <p><b>Bad actors and good actions: the utility of causal inference for exposure mixtures</b></p> <p>Chair: Dr Mary Schubauer-Berigan, IARC-WHO</p>

**SESSION 3: ORAL PAPERS, 09:45 - 11:00**

South Lounge Ground Floor	Centrum A – 1 <sup>st</sup> Floor	Centrum B – 1 <sup>st</sup> Floor	Committee Room – 31 <sup>st</sup> Floor	Board Room – 31 <sup>st</sup> Floor
<b>3A</b> Exposure assessment	<b>3B</b> Carcinogens / Cancer	<b>3C</b> Healthcare & Shift workers	<b>3D</b> (Online papers) Occupational exposures & Risk Factors	<b>3E</b> (Online papers) Gender / Working condition / Policy
Chair: Susan Peters, Vandana Shinde	Chair: Malcolm Sim, Ajay Sati	Chair: Manolis Kogevinas, Nikunj Desai	Chair: Cheryl Peters, Naresh Jhamnani	Chair: Neela Guha, Amruta Desai
<p><b>O.3A1</b> Exposome Project For Health and Occupational Research (Ephor) Mega Cohort - Michelle Turner</p> <p><b>O.3A2</b> Using Proxy Respondents When Assessing Occupational Circumstances: Impact on Expert Assessments of Reliability in The Assignment of Chemical Exposures - Marie-Élise Parent</p>	<p><b>O.3B1</b> Exploring The Etiology of Rare Cancers Using a Large Multi-Ore Mining Cohort - Paul Arthur Demers</p> <p><b>O.3B2</b> Joint Effects of Five Major Occupational Lung Carcinogens and The Risk of Lung Cancer (Synergy) - Ann Olsson</p>	<p><b>O.3C1</b> Evaluation Of the Working Time of Paediatricians in A University Hospital - Marie-Agnès Denis</p> <p><b>O.3C2</b> Predictors Of Night Shift Work Adaptation - Barbara Naomi Harding</p>	<p><b>O.3D1</b> Rural Workers and Cancer (RUCAN) Study: A Brazilian Cohort Study - Henrique C. S. Silveira</p> <p><b>O.3D2</b> A Randomized Controlled Trial of An Educational Intervention in Willingness of The Covid-19 Vaccine Booster Shots Among Non-Healthcare Workers - Lap Ah Tse</p>	<p><b>O.3E1</b> Determinants And Impact of Intimate Partner Violence on Mental Health Among Married Women in Garment Industry of Tirupur and Bangalore, India - Nancy Angeline Gnanaselvam</p>



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<p><b>O.3A3</b> Applying Sensors for Assessment of Occupational Exposures in Epidemiological Studies: Evaluation of Sensors and Preliminary Findings - <b>Anjoeka Pronk</b></p> <p><b>O.3A4</b> Development Of a Silica Job-Exposure-Matrix for Mining Using Historical Exposure Measurements in Ontario, Canada - <b>Tracy Kirkham</b></p> <p><b>O.3A5</b> Exposure Assessment for Sub-Concussive Head Impacts Among Former English Professional Football Players: Results from The Heading Study - <b>Ioannis Basinas</b></p>	<p><b>O.3B3</b> Age-At-Exposure and Time-Since-Exposure in Causal Inference: Ionizing Radiation and Cancer Mortality in Inworks - <b>Alexander Keil</b></p> <p><b>O.3B4</b> Cohort Study of Workers in The UK Glass-Reinforced Plastics Manufacturing Industry - <b>Damien McElvenny</b></p> <p><b>O.3B5</b> Associations Between Occupational Ionizing Radiation Exposure and Cancer Mortality: An Update of The Pooled US Nuclear Workers Study - <b>Kaitlin Kelly-Reif</b></p>	<p><b>O.3C3</b> Night Work and Breast Cancer in A Cohort of Female Health Care Employees in Stockholm, Sweden - <b>Per Gustavsson</b></p> <p><b>O.3C4</b> Night And Shift Work and Incident Type 2 Diabetes and Hypertension – Preliminary Findings from A Cohort Study of Healthcare Employees in Stockholm - <b>Carolina Bigert</b></p>	<p><b>O.3D3</b> Assessment Of Volatile Organic Compound Exposures from Cleaning and Disinfection Products Use in Healthcare Settings - <b>Caroline P. Groth</b></p> <p><b>O.3D4</b> The Association Between the Incidence of Postmenopausal Breast Cancer and Occupational Exposure to Selected Organic Solvents in Montréal - <b>Sydney Westra</b></p> <p><b>O.3D5</b> Study On Incidence and Sequelae of Needle Stick Injuries Among Healthcare Workers - <b>Manikandan Srinivasan</b></p>	<p><b>O.3E2</b> Can Targeted Workplace Wellness Initiatives Improve Menstrual Hygiene Management in Apparel Factories? - <b>Merlyn Joseph</b></p> <p><b>O.3E3</b> Identifying The Need for Gamified Habit-Building Mobile Application for PCOS Management in Female Students in Jabalpur, India - <b>Bhakti Kirdat</b></p> <p><b>O.3E4</b> Lessons Learned from Evaluating Epidemiological Studies for Cancer Hazard Identification: The Updated Report on Carcinogens (ROC) Handbook - <b>Ruth M. Lunn</b></p>
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**SESSION 4: ORAL PAPERS, 11:15 - 12:30**

South Lounge Ground Floor	Centrum A – 1 <sup>st</sup> Floor	Centrum B – 1 <sup>st</sup> Floor	Committee Room – 31 <sup>st</sup> Floor	Board Room – 31 <sup>st</sup> Floor
<b>4A</b> Pesticides	<b>4B</b> Carcinogens / Cancer	<b>4C</b> Occupational Epidemiologic methods	<b>4D</b> (Online papers) Occupational exposures & Risk Factors	<b>4E</b> (Online papers) Gender / Working condition / Policy
Chair: Pierre Lebaillly, Kanan Yadav	Chair: Laura Beane Freeman, Hemant Haldavnekar	Chair: Barbara Harding, P K Sishodiya	Chair: Shahieda Adams, Rakesh Matekar	Chair: Claudia Lissåker, Amruta Desai
<b>O.4A1</b> Performance Of Self-Reported and Urinary Biomarker-Based Measures of Exposure to Glyphosate and Mancozeb in A Study on Sleep Problems	<b>O.4B1</b> Occupational Exposure to Solar Ultraviolet Radiation and Risk of Breast, Prostate and Colon Cancer in Denmark - <b>Johnni Hansen</b>	<b>O.4C1</b> Assessing Epidemiological Biases in Human Cancer Studies Used for Hazard Identification - <b>Mary Schubauer-Berigan</b>	<b>O.4D1</b> Work-Related Risk Factor for Multiple Sclerosis: A Case Control Study in Tunisia - <b>Amen Moussa</b>	<b>O.4E1</b> Trajectories Of Psychosocial Working Conditions and All-Cause and Cause-Specific Mortality: A Swedish Register-Based Study

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<p>Among Smallholder Farmers in Uganda - <b>Hans Kromhout</b></p> <p><b>O.4A2</b> Occupational Exposure to Triazole Fungicides and Risk of Prostate Cancer in The Agriculture and Cancer (AGRICAN) Cohort - <b>Juliette Hippert</b></p> <p><b>O.4A3</b> Occupational Exposure to Pesticides and Neurobehavioral Outcomes. Impact Of Different Exposure Measures on the Association - <b>Samuel Fuhrmann</b></p> <p><b>O.4A4</b> Kidney Cancer And Exposure to Mitotoxic Fungicides (SDHIs and Strobilurins) In the Agriculture and Cancer Cohort (AGRICAN) - <b>Carine Nassar</b></p> <p><b>O.4A5</b> Pesticide Exposure and Health Effects Among Greenspace Workers - <b>Lucie De Graaf</b></p> <p><b>O.4A6</b> Identification Of Pesticide Mixtures to Which French Agricultural Workers are Exposed: Results from The Agriculture and Cancer (Agrican) Cohort Study - <b>Juliette Hippert</b></p>	<p><b>O.4B2</b> Paternal Occupational Exposure to Heavy Metals and Welding Fumes and Testicular Germ Cell Tumours in Sons in France - <b>Ann Olsson</b></p> <p><b>O.4B3</b> Occupational Asbestos Exposure and Gastrointestinal Cancers: Systematic Review and Meta-Analyses - <b>Paul Arthur Demers</b></p> <p><b>O.4B4</b> Research Recommendations for Selected IARC-Classified Agents: Impact and Lessons Learned - <b>Michelle Turner</b></p>	<p><b>O.4C2</b> Comparing Responses from Proxy and Self-Respondents in A Population-Based Case-Control Study of Occupational Exposures and Prostate Cancer - <b>Marie-Élise Parent</b></p> <p><b>O.4C3</b> Fair Data Management in Exposome Research - A Case Study from The EU-Funded Eximious Project - <b>Manosij Ghosh</b></p> <p><b>O.4C4</b> A Novel Weighting Approach to Addressing Healthy Worker Survivor Bias - <b>Alexander Keil</b></p>	<p><b>O.4D2</b> Determinants Of E-Waste Workers' Intention to Wear Respiratory Protective Equipment at Work in Hong Kong - <b>Lap Ah Tse</b></p> <p><b>O.4D3</b> Administrative Concerns in Healthcare During Covid 19 Pandemic in Cement Industry in India - <b>Sabitha Karamched</b></p> <p><b>O.4D4</b> Work-Family Conflict, Work-Family Boundary and Satisfaction with Family Life One Year After Covid-19 Lockdown: Gender Differences in The Portuguese Population - <b>Mariana Neto</b></p> <p><b>O.4D5</b> Occupational Exposure to Endocrine Disruptors and Colorectal Cancer Risk in Two Canadian Cohorts - <b>Laura Pelland St Pierre</b></p>	<p>- <b>Kuan Yu Pan</b></p> <p><b>O.4E2</b> The Role of Working Conditions in The Relationship Between Education and Alcohol-Related Morbidity Among Swedish Workers - <b>Melody Almroth</b></p> <p><b>O.4E3</b> Assessing The Influence of Occupational Cancer Hazard Evaluations on U.S. Federal and State Regulatory Actions - <b>Suril Mehta</b></p> <p><b>O.4E4</b> Air Quality and Health Co-Benefits of Climate Change Mitigation and Adaptation Actions by 2030: An Interdisciplinary Modelling Study in Ahmedabad, India – <b>Priya Dutta</b></p> <p><b>O.4E5</b> The Potential to Prevent Disability Retirement Due to Common Conditions - <b>Elli Hartikainen</b></p>
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THEME: OCCUPATIONAL HEALTH EPIDEMIOLOGY: NEED FOR CONCERTED ACTION

Thursday, 16th March, 2023

Venue: Center 1, World Trade Centre, Mumbai

12:30 - 14:00	LUNCH & e-POSTER SESSION 2 (PS2 – Screen A, B, C) ## see appendix	Coordinator: Aditya Paliwal
	\$ EARLY CAREER NETWORK – ORGANIZATIONAL SESSION	

\$ Please join us for a planning session for ongoing early career researcher activities. An opportunity to get involved, network with other early career researchers and have a voice in planning EPICOH activities targeted at those starting their careers in occupational epidemiology and exposure assessment.

SESSION 5: ORAL PAPERS, 14:00 - 15:15

South Lounge Ground Floor	Centrum A – 1 <sup>st</sup> Floor	Centrum B – 1 <sup>st</sup> Floor	Committee Room - 31 <sup>st</sup> Floor	Board Room – 31 <sup>st</sup> Floor
<b>5A</b> Exposure assessment	<b>5B</b> Carcinogens / Cancer	<b>5C</b> Musculoskeletal Disorders	<b>5D</b> (Online papers) Musculoskeletal Disorders & Other Risk Factors	<b>5E</b> (Online posters)
Chair: Hans Kromhout, Harish Phuleria	Chair: Marie-Élise Parent, Joel Samuel	Chair: Damien McElvenny, Deepak Sharan	Chair: Karen Walker-Bone, Unmesh Korde	Chair: Ashish Trivedi, Swapnali Yerunkar
<b>O.5A1</b> Occupational Exposure of Hairdressers to Airborne Hazardous Chemicals: A Scoping Review - Sanja Kezic	<b>O.5B1</b> Firefighting And Cancer: A Meta-Analysis of Cohort Studies in The Context of Cancer Hazard Identification - Nathan Debono	<b>O.5C1</b> Comparative Assessment of Musculoskeletal Pain Among Artisans of Three Handicraft Sectors of India Because Of Commercialization – A Study on Unorganized Sector - Sangeeta Pandit	<b>O.5D1</b> Prevalence And Work-Related Influences on Multisite Musculoskeletal Pain Among Surgeons - Georgia Ntani	<b>ONLINE E-POSTERS:</b> oP.5E1 to oP.5E20
<b>O.5A2</b> Preschool Teachers' Working Environmental Conditions – A Preliminary Survey of Indoor Air Quality in North Taiwan - Hsichen Kathrin Liu	<b>O.5B2</b> Risk Factor Assessment and Screening for Oral Neoplasia Among Manual Labourers Residing in Mumbai - Vasundhara Kulkarni	<b>O.5C2</b> Referral Criteria for Occupational Musculoskeletal Diseases - Ping Hui Chen	<b>O.5D2</b> Association Between Occupational Mechanical Exposures and Chronic Low Back Pain: A Systematic Review and Meta-Analysis - Annett Dalbøge	

<p><b>O.5A3</b> Formation Of the International Partnership on Automatic Occupation Coding – Call for Partners and Collaboration - Calvin Ge</p>	<p><b>O.5B3</b> Risk Factor Assessment and Screening for Common Cancers and NCDs Among Railway Police Personnel - A Cross-Sectional Study - Anil Suresh Patil</p> <p><b>O.5B4</b> Occupational Exposures of Firefighting and Urinary Tract Cancer Risk Among Men in The Norwegian Fire Departments Cohort - Niki Marjerrison</p> <p><b>O.5B5</b> Benzene exposure and risk of lung cancer in the Norwegian Offshore Petroleum Workers cohort - Ronnie Babigumira</p>	<p><b>O.5C3</b> Occupational Ergonomic Study on The Control Panel of WAP 7 Locomotive &amp; Design Intervention on Indian Railway - Sangeeta Pandit</p> <p><b>O.5C4</b> Identification of Work-related musculoskeletal disorder among artisans of Dhokra bell metal handicraft industry of India - Avinash Sahu</p> <p><b>O.5C5</b> Occupational Risk Assessment Among Workers Involved In Loading Fish Crates In Trucks, Post Fish Harvesting At The Dockyards - Rajat Kamble</p> <p><b>O.5C6</b> Association Between Work Ability Index and Low Back Pain Among Printing Workers - Alireza Dehdashti</p>	<p><b>O.5D3</b> Return To Work After an Episode of Absence Due to Musculoskeletal Disorder or Injury - João Silvestre Silva-Junior</p> <p><b>O.5D4</b> Towards Occupational Health Equity Metrics: Estimating the Burden of Lung Cancer Attributed to Three Occupational Carcinogens by Socio-Economic Position - Counil Emilie</p> <p><b>O.5D5</b> Contribution Of Occupational Risk Factors to Lifespan Inequalities Across Socio-Occupational Groups in France - Counil Emilie</p> <p><b>O.5D6</b> Assessment Of Quality of Sleep and Its Association with Working Time and Smartphone Usage Among Restaurant Workers in Bangalore - A Cross Sectional Study - Subin Paul</p>	
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15:15 - 15:30	TEA
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THEME: OCCUPATIONAL HEALTH EPIDEMIOLOGY: NEED FOR CONCERTED ACTION

Thursday, 16th March, 2023		
Venue: Center 1, World Trade Centre, Mumbai		
	South Lounge Ground Floor	Centrum A – 1 <sup>st</sup> Floor
	<p>SYMPOSIUM – 5 Joint symposium with SC on OH in the Chemical Industry</p>	<p>SYMPOSIUM – 6 Symposium on Exposomics <a href="#">Development of EuroJEM for exposure assessment in EPHOR &amp; beyond</a></p>
15:30 - 16:30	<ul style="list-style-type: none"> <li>• Shyam Pingle <a href="#">Epidemiology as a Tool for Occupational Health Risk Reduction at Workplace - A Case Study and Learning</a></li> <li>• Paolo Vineis* <a href="#">Use of epidemiology in the assessment of the health risks of emerging chemicals and technologies</a></li> <li>• R. Rajesh (Moderator)</li> </ul>	<ul style="list-style-type: none"> <li>• Pernilla Wiebert* <a href="#">Harmonizing assessment of exposure to chemicals and particles in Europe</a></li> <li>• Jenny Selander* <a href="#">A quantitative measurement-based JEM for occupational noise exposure in Europe</a></li> <li>• Katarina Kjellberg* <a href="#">Development of an ergonomic Job Exposure Matrix (JEM) within the European JEM, Exposome Project for Health and Occupational Research (EPHOR)</a></li> <li>• Else Wurtz <a href="#">A quantitative solar ultraviolet radiation job-exposure matrix for the general working population of Europe</a></li> <li>• Ioannis Basinas <a href="#">Natural language processing as a tool for developing and updating Job Exposure Matrices for chemical exposures in the general population</a></li> </ul> <p>Moderators:</p> <ul style="list-style-type: none"> <li>• Anjoeka Pronk</li> <li>• Maria Albin</li> </ul>
	<p>SYMPOSIUM – 7 Joint symposium with SC on Musculoskeletal Disorders</p>	
16:30 - 17:00	<ul style="list-style-type: none"> <li>• Deepak Sharan <a href="#">Updates in health surveillance programmes for work-related musculoskeletal disorders</a></li> <li>• Rauf Iqbal <a href="#">Ergonomics study at a tea estate</a></li> <li>• Sangeeta Pandit (Moderator)</li> </ul>	

\*Online presenter

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THEME: OCCUPATIONAL HEALTH EPIDEMIOLOGY: NEED FOR CONCERTED ACTION

Thursday, 16th March, 2023		
Venue: Center 1, World Trade Centre, Mumbai		
17:00 - 17:40	<b>PLENARY 4</b> <b>Dr Soumya Swaminathan</b> (Chairperson, M S Swaminathan Research Foundation & Ex-Chief Scientist, World Health Organisation) <b>Pandemic &amp; occupations: Impact of viruses, prevention, and management of long-term health effects among workers</b> Chair: Prof Sara De Matteis, Secretary EPICOH SC	South Lounge Ground Floor
17:45 - 18:45	<b>MEET THE EDITORS</b> Hans Kromhout - Editor-in-Chief of Occupational & Environmental Medicine (OEM) Bobby Joseph - Editor-in-Chief of Indian Journal of Occupational and Environmental Medicine (IJOEM)	South Lounge Ground Floor
18:15 - 19:15	ICOH India Business Meeting	Centrum A – 1 <sup>st</sup> Floor
19:00 onwards	CONFERENCE BANQUET (By Registration Only)	

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THEME: OCCUPATIONAL HEALTH EPIDEMIOLOGY: NEED FOR CONCERTED ACTION

Friday, 17th March, 2023

Venue: Center 1, World Trade Centre, Mumbai

Coordinators of the Day: Kanan Yadav, Naresh Jhamnani, Vandana Shinde, Santosh Kate, Vinit Gaikwad

09:00 - 09:40	<p>PLENARY 5</p> <p><b>Dr (Ms) Vikas Desai, MD PSM</b> (Technical Director Urban Health &amp; Climate Resilience Center of Excellence (UHRCE) Surat &amp; Founder Secretary, Urban Health Society of India) <i>Occupational Epidemiology in the unorganised sector - Migrant focus</i></p> <p>Chair: Dr Ramnik Parekh, Conference Patron &amp; Past President IA OH</p>	South Lounge Ground Floor
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SESSION 6: ORAL PAPERS, 09:45 - 11:45

South Lounge Ground Floor	Centrum A – 1 <sup>st</sup> Floor	Centrum B – 1 <sup>st</sup> Floor	Committee Room - 31 <sup>st</sup> Floor	Board Room - 31 <sup>st</sup> Floor
<b>6A</b> <i>Miscellaneous: Exposures / Health outcomes</i>	<b>6B</b> <i>Occupations/ Surveillance</i>	<b>6C</b> <i>Miscellaneous: Health outcomes/ Policy / Interventional studies</i>	<b>6D</b> (Online posters)	<b>6E</b> (Online posters)
Chair: Samuel Fuhrmann, Aditya Paliwal	Chair: Kurt Straif, Shelly Sagar	Chair: Martie Van Tongeren, S Sivaramakrishnan	Chair: Lap Ah Tse, Jeevan Waghmare	Chair: Laura Pelland St Pierre, Neetika Chauhan
<p><b>O.6A1</b> Effects Of Psychosocial Work Factors on Medically Certified Sick Leave Due to Mental Disorder in Home Care Employees - <b>Rigmor Harang Knutsen</b></p> <p><b>O.6A2</b> Leadership At the Workplace and Employees Risk of Hospital Treatment for Depression or Anxiety – A Prospective Study Of 69,099 Employees - <b>Kathrine Sørensen</b></p>	<p><b>O.6B1</b> Status Of Knowledge and Gaps in Associations Between Occupational Exposures and Their Health Effects: Inform Priority Setting - <b>Susan Peters</b></p> <p><b>O.6B2</b> Incidence Of Malignant Mesothelioma in Lombardy, Italy: Accuracy of Predictive Models 2013-2020 - <b>Dario Consonni</b></p> <p><b>O.6B3</b> Incidence Of Opioid-Related Harms by Occupation in</p>	<p><b>O.6C1</b> The Effects of The Labour Inspectorate Regulatory Tools on Doctor Certified Sickness Absence in The Norwegian Home Care Services – A Cluster Randomised Controlled Trial - <b>Bjørnar Finnanger</b></p> <p><b>O.6C2</b> Teaching Interventions in Occupational Health and Safety During Covid19 Pandemic in A Small Exporter and Processor Company of Hydrobiological Products in Piura, Peru</p>	<p>ONLINE POSTERS: <b>oP.6D1 to oP.6D21</b></p>	<p>ONLINE POSTERS: <b>oP.6E1 to oP.6E23</b></p>

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<p><b>O.6A3</b> Mental Health and Life Satisfaction Among Canadian Paramedics During the Covid-19 Pandemic: An Update - <b>Christopher Macdonald</b></p> <p><b>O.6A4</b> Prevalence And Factors Associated with Occupational Noise Induced Hearing Loss Among Employees of An International Airport of West Bengal, India - <b>Alapan Bandyopadhyay</b></p> <p><b>O.6A5</b> Exposure To Per- And Polyfluoroalkyl Substances (PFAS) During Pregnancy and Male Reproductive Function in Young Adulthood - <b>Kajsa Ugelvig Petersen</b></p>	<p>Ontario, Canada: Findings from The Occupational Disease Surveillance System - <b>Nancy Carnide</b></p> <p><b>O.6B4</b> Changes In Work and Health Condition in Swiss Bus Drivers From 2010 Through 2022 - <b>Irina Guseva Canu</b></p> <p><b>O.6B5</b> Morbidity Profile of Workers in A Sponge Iron Industry in Goa: A Retrospective Record-Based Study - <b>Nadia Nirmala De St Roque Godinho</b></p> <p><b>O.6B6</b> Screening For Respiratory Morbidities Among Traffic Police Personnel Working in Mumbai, India - <b>Shakthi Dorai B</b></p> <p><b>O.6B7</b> Exposure Levels of Dust, Endotoxin, And Microorganisms in The Danish Recycling Industry - <b>Karoline Kargaard Hansen</b></p> <p><b>O.6B8</b> Cannabis Use and The Risk of Workplace Injury: Findings from A Longitudinal Study of Canadian Workers - <b>Nancy Carnide</b></p>	<p>- <b>Norvil Antonio Mera Chu</b></p> <p><b>O.6C3</b> Global Alliance for Occupational Health and Safety - <b>Damien McElvenny</b></p> <p><b>O.6C4</b> Operating Management System: An Integrated Approach to Deliver Safe, Reliable, And Compliant Operations at Petrochemical Sites and Refineries - <b>Nikunj Desai</b></p> <p><b>O.6C5</b> Gap Analysis of Occupational Health &amp; Safety Services in Informal Sectors in India: A Review - <b>Khyati Desai</b></p> <p><b>O.6C6</b> Findings And Experiences from The Paper-Based Occupational Disease and Injury Registry in India - <b>Sukhdev Mishra</b></p> <p><b>O.6C7</b> New Research on The Continued Health Burdens of Uranium Miners: Implications for Workers Compensation in The United States - <b>Kaitlin Kelly-Reif</b></p>		
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THEME: OCCUPATIONAL HEALTH EPIDEMIOLOGY: NEED FOR CONCERTED ACTION

Friday, 17th March, 2023		
Venue: Center 1, World Trade Centre, Mumbai		
11:45 - 12:25	<p><b>PLENARY 6</b>    <b>EPICOH LIFETIME ACHIEVEMENT ORATION</b></p> <p><b>Prof David Kriebel, ScD.</b>                      (Professor Emeritus of Epidemiology, University of Massachusetts Lowell, USA)  <a href="#">Advancing Global Health with Occupational Epidemiology</a></p> <p>Chair: Dr Laura Beane-Freeman, Chair EPICOH SC</p>	South Lounge Ground Floor
12:30 -13:30	<p><b>PANEL DISCUSSION:</b></p> <p><a href="#">Occupational Health Epidemiology: Need for Concerted Action</a></p> <p><b>Panellists:</b></p> <ul style="list-style-type: none"> <li>• R K Elangovan            - DGFASLI, Government of India</li> <li>• Damien McElvenny    - Institute of Occupational Medicine, UK</li> <li>• Laura Beane-Freeman - NIH, USA</li> <li>• Maria Albin             - Karolinska Institute, Sweden</li> <li>• Paul Demers            - Occupational Cancer Research Centre Toronto &amp; Chair of the NORA Cross Sector, NIOSH, USA</li> </ul> <p>Moderator: Dr T Rajgopal, Advisor SC EPICOH 2023 &amp; Past President IA OH</p>	South Lounge Ground Floor
13:30 -13:45	<b>VALIDECTORY FUNCTION AND CLOSING CEREMONY</b>	South Lounge Ground Floor
13:45 onwards	<b>LUNCH</b>	

**IN-PERSON E-POSTER SESSION 1 : Screen A, B & C**  
**Wednesday, 15<sup>th</sup> March, 2023**

Covid 19	<b>PS1.A1</b> Changes To Infection Prevention And Control Measures Used By Canadian Paramedics In Response To Covid-19 - <b>Christopher Macdonald</b>
Covid 19	<b>PS1.A2</b> Risk Of Sars-Cov-2 Infection In A Large Cohort Of Ontario Workers - <b>Jeavana Sritharan</b>
Covid 19	<b>PS1.A3</b> Longitudinal Cohort Study To Assess The Long-Term Trajectory Of Healthcare Workers' Mental Health During Covid-19 Pandemic - <b>Michele Carugno</b>
Carcinogens / Cancer	<b>PS1.B1</b> Work-Related Factors And Brest Cancer Survival In Swiss Working Women (1990–2014) - <b>Irina Guseva Canu</b>
Carcinogens / Cancer	<b>PS1.B2</b> Carex Brazil: Estimates Of Workers Exposed To Of Chlorothalonil, Silica And Benzene - <b>Flavia Ferreira de Sousa</b>
Carcinogens / Cancer	<b>PS1.B3</b> Closing Gaps For Preventing Cervical Cancer Among Urban: Slum, Non-Slum, Rural And Tribal Indian Homemakers And Manual Labourers - Experiences Of Community Research - <b>Kavita Anand</b>
Biomarkers of Exposure or Effect	<b>PS1.B4</b> Environmental Contamination With And Internal Occupational Exposure To Antineoplastic Agents And Evaluation Of Genotoxic And Epigenetic Effects Thereof - <b>Eline Verscheure</b>
Pesticides	<b>PS1.C1</b> Morbidities Among Workers Of An Organochlorine Pesticide Industry. - <b>Vishwaraj Mhalshekar</b>
Methodology	<b>PS1.C2</b> Pilot Study EPHOR: Exploring Non-Invasive Sampling: Evaluating Quality And Stability Of Dried Blood Spots, Saliva, And Urine Samples - <b>Evi De Ryck</b>
Methodology	<b>PS1.C3</b> The Effect Of Organic Practice On The Health And Well-Being Of Fruit Farmer Families: A Study Proposal For A Comparative 5-Year Cohort Studies In Uganda, South Africa And Switzerland - <b>Samuel Fuhrmann</b>
Disease Surveillance	<b>PS1.C4</b> Assessing Value Addition Of Glycated Hemoglobin (Hba1C) Test In Periodic Medical Examination Of Employees In A Petrochemical Industry - <b>Bhavin Dave</b>

IN-PERSON E-POSTER SESSION 2 : Screen A, B & C  
Thursday, 16<sup>th</sup> March, 2023

Occupational epidemiology in Unorganised sectors	<b>PS2.A1</b> Pesticide Spraying And Its Health Hazards On Farmers - <b>Vijay Bade</b>
Occupational epidemiology in Unorganised sectors	<b>PS2.A2</b> Health Related Economic Burden Among Unorganized Sector Workers: A Systematic Review And Meta-Analysis - <b>Pentapati Siva Santosh Kumar</b>
Occupational epidemiology in Unorganised sectors	<b>PS2.A3</b> Perceptions Attitudes And Beliefs Regarding Gynecological And Menstrual Health Among Fisher Women Working On Sea Shores Of Mumbai, India - <b>Kshama Viragi</b>
Occupational epidemiology in Unorganised sectors	<b>PS2.A4</b> - Occupational problem identification on artisans of Jodhpur wooden handicraft and design intervention - <b>Rajat Kamble</b>
Solvents	<b>PS2.B1</b> Health Impacts Of Volatile Organic Compounds Exposure Among Painters At Construction Site - <b>Lavanya Sekhar</b>
Irritants and Allergens	<b>PS2.B2</b> Prevalence And Incidence Of Hand Eczema In Hairdressers: A Systematic Review And Meta-Analysis - <b>Sanja Kezic</b>
Specific Occupations / Industries	<b>PS2.B3</b> Morbidities Among Workers Of A Fertilizer Industry - <b>Vishwaraj Mhalshekar</b>
Covid 19	<b>PS2.B4</b> Study To Assess Challenges Faced In Biomedical Waste Management By Waste Handlers During Covid 19 Pandemic In A Tertiary Care Hospital - <b>Sagar Sontakke</b>
Bullying / Stress / Violence	<b>PS2.C1</b> Mental Health And Employment Consequences Among Informal Caregivers At Work: A Danish Nationwide Register-Study - <b>Johan Høy Jensen</b>
Noise	<b>PS2.C2</b> Analysing Honking Trend And Hotspots In A Major City Of Southern India Using A Spatial Statistical Approach - <b>Harish Phuleria</b>
Intervention Studies	<b>PS2.C3</b> Stop For Stress – A Randomized Controlled Trial Of An Online Intervention For Work-Related Stress - <b>Lea Nørgaard Sørensen</b>

ONLINE E-POSTER SESSIONS

SESSION 5E

Thursday, 16<sup>th</sup> March, 2023

Carcinogens / Cancer

**oP.5E01** Epidemiological Profile Of Occupational Pleuropulmonary Cancers In Tunisia - **Abir Ayadi**

Carcinogens / Cancer

**oP.5E02** Are Asbestos And Strong Inorganic Acid Mists The Only Occupational Exposures That Increase Laryngeal Cancer Risk In The Construction Industry? - **Christine Barul**

Carcinogens / Cancer

**oP.5E03** The Burden Of Pancreatic Cancer Associated With Occupational Exposure To Chemical Agents: A Hospital-Based Study In Taiwan - **Ro-Ting Lin**

Carcinogens / Cancer

**oP.5E04** Ability To Work Among Cancer Survivor's Teachers - **Latifa Ben Afia**

Carcinogens / Cancer

**oP.5E05** Occupational Exposure And Lung Cancer: A Based Hospital Case-Control Study - **Zeineb Athimni**

Carcinogens / Cancer

**oP.5E06** Work-Related Risk Factors For Breast Cancer: A Case-Control Study In Tunisia - **Amen Moussa**

Carcinogens / Cancer

**oP.5E07** Occupational Difficulties Of Breast Cancer Survivors In Unorganised Sectors. - **Imene Kacem**

Carcinogens / Cancer

**oP.5E08** Occupational Exposure And Lifestyle Factors And Risk Of Prostate Cancer In The Central Region Of Tunisia: A Case-Control Study. - **Nawres Gannoun**

Carcinogens / Cancer

**oP.5E09** Gap Analysis On Occupational Cancer Controls In The Oil & Gas Industry - **Jayandran Mohan**

Pesticides

**oP.5E10** Exposure To Pesticides Mixture And Cancer Mortality In Banana Workers - **Christine Barul**

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Noise	<b>oP.5E11</b> Deafness And Fitness For Work - <b>Hanene Ben Said</b>
Noise	<b>oP.5E12</b> Can Acoustic Trauma Be Considered An Accident At Workplace? - <b>Hanene Ben Said</b>
Noise	<b>oP.5E13</b> Epidemiological And Clinical Particularities Of Hearing Loss In Teleconsultant : A Study Of 43 Cases - <b>Wiem Ayed</b>
Noise	<b>oP.5E14</b> Hearing Impairment Among Active Military Personnel - <b>Amani Dallagi</b>
Noise	<b>oP.5E15</b> Noise Exposure As A Factor In The Increase Of Blood Pressure And Heart Rate Of Workers In A Steel Manufacturing Industry - <b>Ranjith S</b>
Solvents	<b>oP.5E16</b> Assessment Of Hearing Function In Workers Exposed To Organic Solvents: A Study Of 34 Cases - <b>Hiba Ziedi</b>
Exposure Assessment	<b>oP.5E17</b> Fluoride As A Double-Edged Sword - Fluoride Exposure And Its Impact On The Intelligence Of Tamil Nadu Schoolchildren - <b>Delfin Lovelina Francis</b>
Covid 19	<b>oP.5E18</b> Burnout In Medical Doctors At Public Hospitals In Gqeberha, South Africa During The Covid-19 Pandemic: A Cross-Sectional Study - <b>Saajida Khan</b>
Radiation	<b>oP.5E19</b> A Survey Of Radiation Exposure Among Non-Destructive Testing Technicians In Taiwan - <b>Ping Shih</b>
Health Disparities	<b>oP.5E20</b> A Comparative Study Of Day And Night Shift Industrial Worker'S Behavioral Habits And Its Impact On Oral Hygiene - <b>Yogeshwaran M</b>

SESSION 6D

Friday, 17<sup>th</sup> March, 2023

- Covid 19                    **oP.6D01** Effects Of Withholding Treatment On Mental Health In Canadian Paramedics During The Covid-19 Pandemic - **David O'Neill**
- Covid 19                    **oP.6D02** Interest Of Hospital Occupational Medicine In Promoting The Health Of Care Staff - **Siwar Chemingui**
- Covid 19                    **oP.6D03** Breakthrough Infection Among Workers In Different Non-Healthcare Working Settings - **Lap Ah Tse**
- Covid 19                    **oP.6D04** The Pandemic Of Respiratory Protection Masks: A Study About Healthcare Workers During The First Wave Of Covid-19 Pandemic - **Emna Baraketi**
- Covid 19                    **oP.6D05** Seroprevalence of SARS-COV2 among health-care workers who worked with COVID-19 patients during the first wave of the pandemic - **Emna Baraketi**
- Covid 19                    **oP.6D06** Work Productivity Among Healthcare Workers With Post Covid-19 Syndrome. - **Rania Nakhli**
- Covid 19                    **oP.6D07** Awareness And Practices Regarding 'Long Covid' Among Employees Of Selected Electronics Industries In South India. - **Merlyn Joseph**
- Healthcare Workers        **oP.6D08** Mental Distress Among Female Physicians Working In Occupational Health Activities During The Covid-19 Pandemic - **João Silvestre Da Silva Júnior**
- Healthcare Workers        **oP.6D09** Screening For Sleep Disorders In Healthcare Professionals - **Soumaya Chebbi**
- Healthcare Workers        **oP.6D10** Study Of Medical Fitness For Work Among 22 Doctors - **Amira Belkahla**
- Healthcare Workers        **oP.6D11** Blood Exposure Accidents And Compliancy To Post-Exposure Prophylaxis In Healthcare Workers - **Amira Belkahla**

THE 29<sup>TH</sup> SYMPOSIUM ON EPIDEMIOLOGY IN OCCUPATIONAL HEALTH *incorporating* THE 71<sup>ST</sup> ANNUAL CONFERENCE OF IAOH MUMBAI BRANCH  
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Healthcare Workers	<b>oP.6D12</b> Comorbidities And Psychological Distress In Health Care Workers - <b>Hiba Ziedi</b>
Respiratory Effects / Diseases	<b>oP.6D13</b> Work-Related Asthma : Occupational Specificities And Fitness To Work - <b>Soumaya Chebbi</b>
Respiratory Effects / Diseases	<b>oP.6D14</b> Comparison Of Occupational Asthma Characteristics Related To High And Low Molecular Weight Agents - <b>Amen Moussa</b>
Respiratory Effects / Diseases	<b>oP.6D15</b> Management Strategy In Workplace When An Employee In Diagnosed With Tuberculosis - <b>Abir Ayadi</b>
Respiratory Effects / Diseases	<b>oP.6D16</b> Respiratory Symptoms Due To Pesticide Use And Associated Factors In Potato Growers - <b>Yenny Andrea Roza Silva</b>
Respiratory Effects / Diseases	<b>oP.6D17</b> Study Of The Association Between Rhinitis Ans Asthma In Workplace - <b>Latifa Ben Afia</b>
Military / Veteran Health	<b>oP.6D18</b> Assessment Of Work Capacity In Active Military Personnel With Asthma - <b>Hiba Ziedi</b>
Military / Veteran Health	<b>oP.6D19</b> Military Occupational Accidents - <b>Amani Dallagi</b>
Psychological Hazards / Health	<b>oP.6D20</b> Impact Of Psychiatric Disorders On Medical Fitness For Work In The Military Field - <b>Amani Dallagi</b>
Covid 19	<b>oP.6D21</b> Epidemiological Profile Of Healthcare Workers With Covid-19 In Brunei Darussalam - <b>Ashish Trivedi</b>
Covid 19	<b>oP.6D22</b> Perception Of Local Health Functionaries Regarding The Impact Of Covid-19 On Health-Seeking Behavior Of Presumptive TB Patients In Tricity, Chandigarh - <b>Naveen Krishan Goel</b>

SESSION 6E		Friday, 17 <sup>th</sup> March, 2023	
Musculoskeletal Disorders	<b>oP.6E01</b>	Psychosocial Work Characteristics And Low Back Pain In Nursery School Workers In Japan	- <b>Xuliang Shi</b>
Musculoskeletal Disorders	<b>oP.6E02</b>	Epicondylitis And Medical Fitness For Work	- <b>Wiem Ayed</b>
Musculoskeletal Disorders	<b>oP.6E03</b>	Determinants Of Multisite Musculoskeletal Disorders In The Workplace.	- <b>Rania Nakhli</b>
Worker Age-Related Issues	<b>oP.6E04</b>	Age Or Work-Related Lumbar Disc Degeneration?	- <b>Francesco Massoni</b>
Solvents	<b>oP.6E05</b>	Quality Of Life In Employees Exposed To Organic Solvents: A Study Of 196 Cases	- <b>Siwar Chemingui</b>
Reproductive Effects / Outcomes	<b>oP.6E06</b>	Occupational Exposure To Chemicals And Particles During Pregnancy And Associations With Gestational Hypertension, Preeclampsia And Gestational Diabetes	- <b>Jenny Selander</b>
Return to work / Work Capability Assessment	<b>oP.6E07</b>	Dyschromatopsia And Medical Fitness For Work	- <b>Amira Belkahla</b>
Return to work / Work Capability Assessment	<b>oP.6E08</b>	Impact Of Systemic Diseases On Medical Ability To Work	- <b>Emna Baraketi</b>
Return to work / Work Capability Assessment	<b>oP.6E09</b>	The Impact Of Sleeplessness On Work Productivity	- <b>Jovan Tham</b>
Occupational epidemiology in Unorganised sectors	<b>oP.6E10</b>	A Study Of Fitness For Work In 54 Workers In The Construction Industry	- <b>Dorra Brahim</b>
Precarious Work / Working Conditions	<b>oP.6E11</b>	Investigating Relationship Of Health Problems Reported By Indian Office Workers With Workplace Habits And Office Indoor Environmental Conditions	- <b>Pooja Shukla</b>



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Precarious Work / Working Conditions	<b>oP.6E12</b> Was Telework During Covid-19 Pandemic, Suitable For Everyone? - <b>Soumaya Chebbi</b>
Precarious Work / Working Conditions	<b>oP.6E13</b> Reasons For Unfitness For Work Among Teachers: A Descriptive Cross-Sectional Study - <b>Latifa Ben Afia</b>
Occupational epidemiology in Unorganised sectors	<b>oP.6E14</b> An Epidemiological Cross-Sectional Study Of Prevalence Of Hand Hygiene In Food Handlers In A Metropolitan City - <b>Zainab Ansari</b>
Shift Work	<b>oP.6E15</b> Chronic Diseases And Atypical Working Hours - <b>Wiem Ayed</b>
Shift Work	<b>oP.6E16</b> Prevalence And Risk Of Sleep And Vigilance Disorders In Health Care Personnel Working At Night - <b>Dorra Brahim</b>
Psychological Hazards / Health	<b>oP.6E17</b> Teleworkers And Psychiatric Disorders - <b>Dorra Brahim</b>
Irritants and Allergens	<b>oP.6E18</b> Allergic Contact Dermatitis To Metals Among Construction Workers - <b>Asma Koubaa</b>
Heat and Cold	<b>oP.6E19</b> Thermal Discomfort And Occupational Health – The Linkage - <b>PK Latha</b>
Climate Change	<b>oP.6E20</b> Influence Of Weather And Air Pollution On The Occurrence Of Sudden Death From Cardiovascular Causes In The Region Of Sousse (Tunisia) - <b>Rania Nakhli</b>
Return to work / Work Capability Assessment	<b>oP.6E21</b> Covid-19, Long-Covid And Return-To-Work: A Questionnaire To Investigate The Experience Of The Occupational Physicians From An Italian Region - <b>Alberto Modenese</b>
Occupational epidemiology in Unorganised sectors	<b>oP.6E22</b> Assessing Long-Term Trends Of Pesticide Poisoning In Agricultural Workers And Prohibited Pesticide Policy In Taiwan - <b>Wei Te Wu</b>
Return to work / Work Capability Assessment	<b>oP.6E23</b> Understanding Labour Market Participation Trajectories After Returning To Part-Time Work From Sickness Absence: A Nationwide Cohort Study From Finland - <b>Elli Hartikainen</b>