



Abstracts Presentation Schedule

2023

September 20 - 26 Bengaluru, India

CONFERENCE VENUE



ST. JOHN'S MEDICAL COLLEGE St. John's National Academy of Health Sciences, Koramangala (Bengaluru)

22 Sep, 2023 (11:45 AM to 1:15 PM)



THEME	TITLE AND SPEAKER	AUDITORIUM
MSD – Risk Assessment	Do high levels of compressive forces on the lumbar spine due to lifting and/or carrying ("peak loads") increase the risk of lumbar spine diseases?	CG Hall
	ANDREAS SEIDLER	
MSD – Risk Assessment	Correlation of ROSA score with musculoskeletal symptoms in remote IT Professionals	CG Hall
	ANURAG S KUMAR	
MSD – Risk Assessment	Using IMU sensors to measure movements of the trunk and upper arms in the field: experiences and challenges on data interpretation	CG Hall
	GIULIO TAN	
MSD – Risk Assessment	Estimating exposure to hand-intensive work tasks; ratings of hand activity and force compared to objective methods	CG Hall
	GUNILLA DAHLGREN	
MSD – Risk Assessment	The development of DUTCH a push-pull risk assessment method: estimating force exertion based on trolley weight	CG Hall
	REINIER KÖNEMANN	
MSD – Risk Assessment	Screening of musculoskeletal disorders among primary school children by trained primary school teachers using	CG Hall
	pGALS screening tool in Urban Bengaluru	

22 Sep, 2023 (11:45 AM to 1:15 PM)

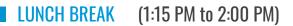


THEME	TITLE AND SPEAKER	AUDITORIUM
MSD – Risk Assessment	Ergonomics Risk among Aviation Maintenance Personnel in Royal Malaysian Air Force (RMAF)	CG Hall
	SITI NURHAFIZAH SALEEZA RAMLEE	
ASD – Risk Assessment	Cardiovascular load in older workers in physically demanding occupations	CG Hall
MSD – Risk Assessment	Ergonomic Plucking-aid to ameliorate MSD issues of Hand in Water-chestnut Harvesting	CG Hall
	JITESH SINGH CHAUHAN	
VDPI – Disability Prevention	Return to Work after an Employment Injury in Small and Medium-Sized Enterprises: A Scoping Review	Main Audi (1st Floor) Hall 1
	IULIANA NASTASIA	
VDPI – Disability Prevention	Incidence rates of work absence in England due to a muscu- loskeletal or mental health condition from 2010-2021	Main Audi (1st Floor) Hall 1
	AMARDEEP LEGHA	
VDPI – Disability Prevention	Is knee arthroplasty a prognostic factor for return to work among recipients of long-term disability benefits due to knee osteoarthritis?	Main Audi (1st Floor) Hall 1

22 Sep, 2023 (11:45 AM to 1:15 PM)



ORAL PRESENTATION	(IN-PERSON : 10 MIN)	171
THEME	TITLE AND SPEAKER	AUDITORIUM
WDPI – Disability Prevention	Legitimacy and comprehensibility of work-related assessments and official decisions within the sickness insurance system ELIN KARLSSON	Main Audi (1st Floor) Hall 1
WDPI – Disability Prevention		Main Audi (1st Floor) Hall 1
WDPI – Disability Prevention	Change fatigue among nurses in primary health care and the associations to job satisfaction and health	Main Audi (1st Floor) Hall 1





ORAL PRESENTATION (VIRTUAL : 10 MIN) THEME **TITLE AND SPEAKER** AUDITORIUM **Prevention and** Reconfiguration of the socio-technical system to prevent CG Hall management of MSDs musculoskeletal disorders in the informal construction sector in different work Ecuador case scenarios AMPARO ALVAREZ **Prevention and** Best practices that apply across industries CG Hall management of MSDs in different work scenarios CARRIE TAYLOR Prevention and Taking care of more residents than the ward average is associated CG Hall management of MSDs with low back pain among eldercare workers in nursing homes in different work scenarios CHRISTIAN TOLSTRUP WESTER Assessment tools for The updated guideline on surface electromyography in CG Hall risk factors of MSDs work-physiology **BENJAMIN STEINHILBER** Aging injured workers and income security: the case of CG Hall **Insurance** system interactions and **Ontario Ellen** work disability ELLEN MACEACHEN Assessment tools for A review of readiness for work programmes adopted by CG Hall risk factors of MSDs ambulance services

FIONA TREVELYAN

TITLE AND SPEAKER

(IN-PERSON : 10 MIN)

layers in the Netherlands

PAUL KUIJER

SARA SAUNDERS

BART CILLEKENS

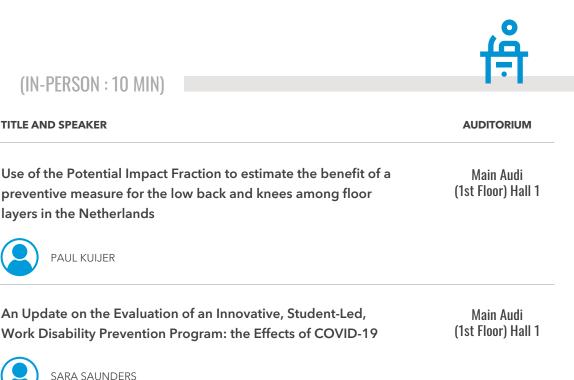
Associations of within-individual changes in physical work

Assessing the postural stability and weight distribution in

reaching on a passive lower extremity exoskeleton

demands and self-reported health and musculoskeletal symptoms

22 Sep, 2023 (2:00 PM to 3:30 PM)



Main Audi (1st Floor) Hall 1

Main Audi (1st Floor) Hall 1

JANGWHON YOON

MSD – **Prevention** and Management

ORAL PRESENTATION

THEME

MSD – Prevention

and Management

MSD – Prevention

and Management

MSD – Prevention

and Management

MSD – **Prevention**

and Management

The perspectives of self-employed workers in physically Main Audi (1st Floor) Hall 1 demanding jobs on work participation: it's a heavy job, to change heavy work **BART CILLEKENS**

MSD – Prevention and Management

Demanding Jobs On Work Participation: It's A Heavy Job, To **Change Heavy Work**

The Perspectives Of Self-Employed Workers In Physically

Main Audi (1st Floor) Hall 1



BART CILLEKENS





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ORAL PRESENTATI	ION (IN-PERSON : 10 MIN)	1-1
THEME	TITLE AND SPEAKER	AUDITORIUM
MSD – Prevention and Management	Application of machine learning for personalized advice about workers' lifestyle changes to improve workers' ability to stay at work	Main Audi (1st Floor) Hall 1
	MARIANNE SIX DIJKSTRA	
MSD – Prevention and Management	Characteristics and Prognostic Factors for Return-to-Work in Workers with Long COVID Undergoing Rehabilitation: A Historical Cohort Study	Main Audi (1st Floor) Hall 1

ORAL PRESENTATION	(VIRTUAL : 10 MIN)
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THEME	TITLE AND SPEAKER	AUDITORIUM
WDPI – Disability Prevention	Effect of the Shoulder-Café intervention in employees with shoulder complaints: a cluster-randomised controlled trial	Main Audi (1st Floor) Hall 2
	JEANETTE TRØSTRUP	
WDPI – Disability Prevention	Work Disability in the Canadian Legal Profession: The Central Role of Perceived Stigma	Main Audi (1st Floor) Hall 2
	MARIE-MICHELLE GOUIN	
WDPI – Disability Prevention	Development and initial application of a harmonised multi-jurisdiction work injury compensation database	Main Audi (1st Floor) Hall 2
	MICHAEL DI DONATO	

22 Sep, 2023 (2:00 PM to 3:30 PM)



THEME	TITLE AND SPEAKER	AUDITORIUM
WDPI – Disability Prevention	'Relationships are the key': Private insurer perspectives on communication and collaboration during return to work	Main Audi (1st Floor) Hall 2
	FERGAL O'HAGAN	
WDPI – Disability Prevention	Variation in General Practice Services Provided to Australian Workers with Low Back Pain: A Cross-Jurisdictional Comparative Study	Main Audi (1st Floor) Hall 2
	ALEX COLLIE	
WDPI – Disability Prevention	Help! I need somebody: Help-seeking among workers with work-related mental disorders	Main Audi (1st Floor) Hall 2
	FERGAL O'HAGAN	
WDPI – Disability Prevention	Systemic Disconnect: How Middlemen Restrict Communication and Collaboration During Return to Work	Main Audi (1st Floor) Hall 2
	SHARON WALTER	
WDPI – Disability Prevention	Non-hospitalised transport injuries leading to long workers' compensation claims in Australia	Main Audi (1st Floor) Hall 2
	DANIEL GRIFFITHS	

22 Sep, 2023



E-POSTER (VIRTU	AL : 5 MIN)	000
THEME	TITLE AND SPEAKER	AUDITORIUM
Workplace Interventions	Mental health promotion strategies at work in hospital nursing: an integrative literature review	CG Hall
	FERNANDA MARIA DE MIRANDA	
Prevention and Management of MSD's in different work	Lumbar disc disease and building work: a case-control study	CG Hall
scenarios	FRANCESCO MASSONI	
Prevention and Management of MSD's in different work	Work-related Musculoskeletal Disorders and lower limbs: the measure of a minor occupational disease	CG Hall
scenarios	FRANCESCO MASSONI	
Psychosocial factors in return to work (RTW)	Recovery expectations can be assessed with single-item measures to predict return to work in individuals with musculoskeletal pain conditions	CG Hall
	JUNIE CARRIERE	

22 Sep, 2023



THEME	TITLE AND SPEAKER	AUDITORIUM
WDPI – Workplace Interventions	Assessment of work-related musculoskeletal disorders in a thermal power plant situated in northern India	Main Audi (1st Floor) Hall 1
NDPI – Workplace nterventions	APURBA CHOWDHURY Mobility and temporospatial gait parameters of a passive lower extremity exoskeleton	Main Audi (1st Floor) Hall 1
VDPI – Workplace nterventions	Passive lower extremity exoskeleton increases the pulling capacity but not the pushing or lifting capacities	Main Audi (1st Floor) Hall 1
VDPI – Workplace nterventions	Evaluation of an e-learning training on involving significant others in occupational health care NICOLE SNIPPEN	Main Audi (1st Floor) Hall 1
NDPI – Workplace nterventions	Electronic health records for predicting outcomes to work-related musculoskeletal disorders: a scoping review	Main Audi (1st Floor) Hall 1

22 Sep, 2023

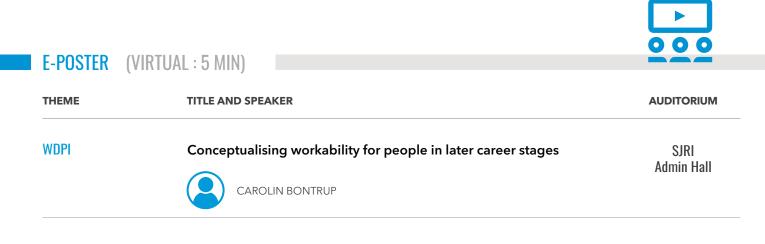


ORAL PRESENTATION	(VIRTUAL : 10 MIN)	000
THEME	TITLE AND SPEAKER	AUDITORIUM
VDPI	Impact of prescription medicines on work-related outcomes in workers with musculoskeletal disorders or injuries: A scoping review	Main Audi (1st Floor) Hall 2
	YONAS TEFERA	
VDPI	Aging injured workers and income security: the case of Ontario	Main Audi (1st Floor) Hall 2
/DPI	Patterns of mental health service use during a compensated low back pain workers' compensation claim	Main Audi (1st Floor) Hall 2
/DPI	SHANNON GRAY	Matu Audi
יטרו	The prevalence of mental health service use in Australian workers with accepted workers' compensation claims for low back pain: A retrospective cohort	Main Audi (1st Floor) Hall 2
	SHANNON GRAY	
(DPI	Work-related musculoskeletal disorders of the upper limbs in Chile: gender differences in 10 years of preventive regulations	Main Audi (1st Floor) Hall 2
	CARLOS IBARRA	
/DPI	Making Motivational Interviewing More Accessible in Work Rehabilitation	Main Audi (1st Floor) Hall 2
	MARIE-FRANCE COUTU	

22 Sep, 2023 (3:30 PM to 4:30 PM)

E-POSTER (VIRTUA	L : 5 MIN)	
тнеме	TITLE AND SPEAKER	AUDITORIUM
Impact of the Covid-19 pandemic on Work-related MSDs	Isolated and associated prevalence of musculoskeletal pain, depression and obesity in Brazilian healthcare workers during COVID-19 pandemic TATIANA SATO	SJRI Admin Hall
Impact of the Covid-19 pandemic on Work-related MSDs	Covid-19, long-covid and return-to-work: the experience of Italian occupational physicians on musculoskeletal symptoms and occupational ergonomic risks	SJRI Admin Hall
Assessment tools for risk factors of MSDs	A cross sectional study to identify the impact of depression, anxiety on knee osteoarthritis patients engaged in different occupations in West Bengal SHREYA SINHA	SJRI Admin Hall
Work ability and Long Covid symptoms	Association between work ability and post-covid-19 symptoms in Brazilian workers TATIANA SATO	SJRI Admin Hall
Employer policies and practices	Offensive behaviours against Brazilian healthcare workers during the COVID-19 pandemic - victims' profile TATIANA SATO	SJRI Admin Hall
PREMUS	Carpal tunnel syndrome in elderly working population. A case series	SJRI Admin Hall

22 Sep, 2023 (3:30 PM to 4:30 PM)



BREAK (4:30 PM to 4:45 PM)





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THEME	TITLE AND SPEAKER	AUDITORIUN
WDPI	Improving the Sustainable Usage of Wearable Fitness Tracking Devices to Ensure Positive Health Behaviours and Prosperous Healthy Life	CG Hall
	SWATI SARKAR	
WDPI	The Usability of a Motivational Interviewing Training Toolkit in Work Rehabilitation	CG Hall
	MARIE-FRANCE COUTU	
WDPI	Office workers experience less neck pain with combined neck exercises, health-promotion information workshops, and workstation ergonomics	CG Hall
	ANDREA AEGERTER	
MSD – Prevention and Management	Perceptions and Experiences of Patients and Healthcare Professionals in Belgium's Multidisciplinary Program for Secondary Prevention of Low Back Pain	CG Hall
	LISA BERNAERS	
MSD – Prevention and Management	Making Motivational Interviewing More Accessible in Work Rehabilitation	CG Hall

(VIRTUAL : 10 MIN)

ORAL PRESENTATION

22 Sep, 2023 (4:45 PM to 6:00 PM)

THEME	TITLE AND SPEAKER	AUDITORIUM
NDPI	Evaluating Effectiveness of Telerehabilitation Among Individuals Receiving Workers' Compensation in Alberta	Main Audi (1st Floor) Hall 2
	GAGAN NAGRA	
VDPI	ErgonCARE: A randomized controlled trial on effects of workplace specific kinetic training on the musculoskeletal load of care staff	Main Audi (1st Floor) Hall 2
	ANDRÉ KLUBMANN	
NDPI	Interventions to improve health outcomes for migrant workers: A systematic review	Main Audi (1st Floor) Hall 2
	TESSA KEEGEL	
WDPI	Wiiji peer support app and Indigenous workplace mental health	Main Audi (1st Floor) Hall 2
WDPI	Ergonomic diagnosis of the risk of musculoskeletal disorders in workers of micro and small companies in the city of Copiapó,	Main Audi (1st Floor) Hall 2
	Chile: Exploratory Study	
	CARLOS IBARRA	
VDPI	Injured worker outcomes after compensation system overhaul: an interrupted time series study	Main Audi (1st Floor) Hall 2
	interrupted time series study	

22 Sep, 2023 (4:45 PM to 6:00 PM)

e Chilean surveillance of psychosocial risk factors at work and ork-related musculoskeletal disorders: what are we not seeing? PAMELA ASTUDILLO	SJRI Admin Hall
PAMELA ASTUDILLO	
turn to work after rotator cuff surgery: Evolution of pain and ns movements KÉVIN DESBROSSES	SJRI Admin Hall
	SJRI Admin Hall
integrative literature review	SJRI Admin Hall
	eveloping a training for promoting mental health at work among azilian nurses



(3:30 PM to 4:30 PM)

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HEME	TITLE AND SPEAKER	AUDITORIUM
ISD 1anagement	Optimising occupational clinicians' electronic health record (EHR) data to improve WRMSD outcomes	CG Hall
	MELINDA WASSELL	
ISD 1anagement	Effectiveness of ultrasound guided trigger point injection in myofascial pain of neck, anterior chest, abdomen, upper back and lower back	CG Hall
ISD Aanagement	Efficacy of dry needling versus transcutaneous electrical nerve stimulation in patients with neck pain due to myofascial trigger points	CG Hall
	ANJANA G	
ISD lanagement	Occupational biomechanical factors are associated with surgery for lumbar disorders in male construction workers - a 23-year prospective study	CG Hall
	JENS WAHLSTRÖM	
1SD 1anagement	Characteristics and Prognostic Factors for Return-to-Work in Workers with Long COVID Undergoing Rehabilitation: A Historical Cohort Study	CG Hall
	DOUGLAS GROSS	
ISD 1anagement	Prevalence of WRMSD in the post-covid hybrid work model followed in India	CG Hall

JERRISH A JOSE

23 Sep, 2023



THEME	TITLE AND SPEAKER	AUDITORIUM
WDPI – Return to Work	An Interpretive Description of Rehabilitation Experiences of People Living with Long COVID: Focus on Functional Testing and Graded Activity Programs	Main Audi (1st Floor) Hall 1
WDPI – Return to Work	DOUGLAS GROSS Predictors for return to work after sick leave due to musculoskeletal disorder or injury in a social security unit of São Paulo, Brazil JOÃO SILVESTRE DA SILVA-JUNIOR	Main Audi (1st Floor) Hall 1
NDPI – Return o Work	Evaluation of an e-learning training on involving significant others in occupational health care	Main Audi (1st Floor) Hall 1
WDPI – Return to Work	NICOLE SNIPPEN The associations between illness perceptions and expectations about return to work of workers and their significant others: A dyadic analysis HAITZE DE VRIES	Main Audi (1st Floor) Hall 1

23 Sep, 2023



ORAL PRESENTATIO	N (IN-PERSON : 10 MIN)	1.1
THEME	TITLE AND SPEAKER	AUDITORIUM
WDPI – Integration of clinical and occupational care	Development and implementation of work-oriented clinical care to empower patients with kidney disease: an adapted intervention mapping approach	Main Audi (1st Floor) Hall 2
WDPI – Integration	Emotional exhaustion and emotion regulation in relation to	Main Audi
of clinical and occupational care	syeda ARIFA TASNEEM	(1st Floor) Hall 2
WDPI – Integration of clinical and occupational care	Patients experience of integrating work focused therapy for musculoskeletal upper extremity complaints by general physical therapists YASMAINE KAREL	Main Audi (1st Floor) Hall 2
WDPI – Integration of clinical and occupational care	Challenges of leadership in primary health care - a managers' perspective	Main Audi (1st Floor) Hall 2
WDPI – Integration of clinical and occupational care	Economic Burden of Work Injuries and Diseases: A framework and Application in Five European Union Countries	Main Audi (1st Floor) Hall 2
WDPI – Integration of clinical and occupational care	The experience of general physical therapists about a work focused treatment approach for patients with musculoskeletal pain	Main Audi (1st Floor) Hall 2







ORAL PRESENTATI	ON (IN-PERSON : 10 MIN)	1.1
THEME	TITLE AND SPEAKER	AUDITORIUM
WDPI – Integration of clinical and occupational care	Findings from an Scoping Review to Inform the Development of Guidance on Accessibility Planning and Reporting	Main Audi (1st Floor) Hall 2
WDPI – Integration of clinical and occupational care	Associations between perceptions and sick leave duration in dyads of workers and significant others	Main Audi (1st Floor) Hall 2
	NICOLE SNIPPEN	

(IN-PERSON : 5 MIN)

F-POSTER

23 Sep, 2023

(3:30 PM to 4:30 PM)



THEME	TITLE AND SPEAKER	AUDITORIUM
Assessment tools for risk factors of MSDs	Work-related musculoskeletal disorders and covid-19 related stress among nurses working in hospitals in West Bengal	SIRI Admin Hall
	UPASANA CHOWDHURY	
WDPI	Sickness Absence Benefits due to Circulatory System Diseases: An Ecological Study of the Brazilian Social Security System (2008-2020)	SIRI Admin Hall
	JOÃO SILVESTRE DA SILVA-JUNIOR	
Disability Prevention	Physical Medicine and Rehabilitation Unit at Level-1 Trauma Center: Challenges in Establishment and Functioning	SIRI Admin Hall
	SIDDHARTH RAI	
Prevention and management of MSDs in different work	Work Musculoskeletal Prevention in Senegal: the experience of a part-time Occupational Physician	SIRI Admin Hall
scenarios	CHEIKH A K ABOUBACAR CISSE	

BREAK (4:30 PM to 4:45 PM)



23 Sep, 2023 (4:45 PM to 6:00 PM)

THEME	ATION (VIRTUAL : 10 MIN)	AUDITORIUM
MSD – Risk Assessment	Mental health of incarcerated women: impact and associated psychological concerns	SJMC Lecture Hall 1
	SOFIA KHATUN	
MSD – Risk Assessment	The use of complexity and wavelet EMG analyses to assess fatigue-related changes during dynamic contractions	SJMC Lecture Hall 1
MSD – Risk	A proposal for a definition of standing work considering	SIMC
Assessment	physiological edema in the lower legs	Lecture Hall 1
MSD – Risk Assessment	Contributory risk factors associated with lower limb musculoskeletal injuries in parking enforcement officers MARK BOOCOCK	SJMC Lecture Hall 1
ASD – Risk Assessment	Impact of prescription medicines on work-related outcomes in workers with musculoskeletal disorders or injuries: A scoping review	SJMC Lecture Hall 1
ASD – Risk Assessment	VONAS TEFERA Work related MSDs of women working in cashew processing units in Konkan region of Maharashtra	SJMC Lecture Hall 1

23 Sep, 2023 (4:45 PM to 6:00 PM)



ORAL PRESENTAT	ION (IN-PERSON : 10 MIN)	171
THEME	TITLE AND SPEAKER	AUDITORIUM
WDPI – Special Populations	Psychological empowerment of nursing workers during the COVID-19 pandemic	Main Audi (1st Floor) Hall 1
	CRISTIANE HELENA GALLASCH	
WDPI – Special Populations	Cardiovascular load in older workers in physically demanding occupations	Main Audi (1st Floor) Hall 1
WDPI – Special Populations	Evaluation of Shoulder-Support Exoskeletons to Support Minimally Invasive Surgical Postures	Main Audi (1st Floor) Hall 1
WDPI – Special Populations	Gender equity and work-related musculoskeletal disorder prevention: a scoping review of gender differences of WMSD-related work exposures	Main Audi (1st Floor) Hall 1
	SUSAN STOCK	

23 Sep, 2023 (4:45 PM to 6:00 PM)

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ORAL PRESENT	ATION (VIRTUAL : 10 MIN) title and speaker	AUDITORIUM
MSD – Risk Assessment	Comparison of two active back-support exoskeletons used during different working tasks MATHILDE SCHWARTZ	Main Audi (1st Floor) Hall 2
MSD – Risk Assessment	Resident-to-staff aggression in nursing homes: validation of a scale for residents' socio-emotional need for care using 3,849 direct observations	Main Audi (1st Floor) Hall 2
MSD – Risk Assessment	The updated guideline on surface electromyography in work-physiology	Main Audi (1st Floor) Hall 2
MSD – Risk Assessment	Evolution and scientific evaluation of a digital instrument for healthy work CHRISTOPH MUEHLEMEYER	Main Audi (1st Floor) Hall 2
MSD – Risk Assessment	New German questionnaire for the standardized assessment of musculo-skeletal complaints in the workplace - practicability and content validity FALK LIEBERS	Main Audi (1st Floor) Hall 2
MSD – Risk Assessment	Comprehensive scope of psychosocial and physical risk factors for MSD	Main Audi (1st Floor) Hall 2

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Dr Deepak Sharan

Chairperson

Scientific Committee on Musculoskeletal Disorders, International Commission on Occupational Health (www.icohweb.org)

President

International Myopain Society (www.myopain.org)

Organising Chairperson

The 11th International Scientific Conference on the Prevention of Work-Related Musculoskeletal Disorders (PREMUS), the 6th Work, Disability, Prevention and Integration (WDPI) Conference, and the 11th International Conference on Myofascial Pain Syndrome and Fibromyalgia Syndrome (MYOPAIN)