



Key: ■ Lectures and Meet the Expert ■ Oral Sessions ■ Poster Sessions ■ Social and Institutional events, Breaks

Pain Science in Motion III

International and Interdisciplinary Colloquium on Research Methods in Pain Sciences

May 31st - June 2nd 2019, University Campus of Savona, Italy

Scientific Program

OPENING DAY: FRIDAY, MAY 31ST. SIBILLA CONFERENCE HALL – PRIAMAR FORTRESS

16.30	Delegates Registration
17:45	Institutional opening
18:00	Opening Lecture PLACEBO AND NOCEBO: DIFFERENT CONTEXTS, DIFFERENT PAINS Speaker: Prof. Fabrizio Benedetti
18:45	Welcome cocktail

DAY 1: SATURDAY, JUNE 1ST, 2019. UNIVERSITY CAMPUS OF SAVONA, ITALY

8.00	Delegates Registration and poster set-up – CAMPUS LIBRARY	
9.00 - 9.45	Keynote lecture – ROOM AN1 IMPROVING THE TIMELINESS AND EFFECTIVENESS OF REHABILITATION IN CHRONIC MUSCULOSKELETAL PAIN Speaker: Prof. Rob Smeets – Chair: Marco Testa	
9.55 - 10.55	Oral Session 1 – ROOM LA218 Pain and physical activity, physical function and aerobic capacity Chair: Andrea Dell'Isola <ol style="list-style-type: none"> The influence of physical activity on the nociceptive flexion reflex in healthy adults: a cross-sectional study. <i>Evy Dhondt</i> (Belgium) Association between central sensitization and lifting and aerobic capacity in patients with chronic low back pain. <i>Jone Ansuategui Echeita</i> (the Netherlands) Daily physical activity levels are predictive of the effectiveness of conditioned pain modulation. <i>Sophie Van Oosterwijck</i> (Belgium) 	Oral Session 2 – ROOM MA218 Chronic low back pain Chair: Mira Meeus <ol style="list-style-type: none"> What is the influence of low back pain on muscular activity and movement during a cyclical dynamic task? <i>Andy Sanderson</i> (UK) Chronic low back pain and nutrition in adults: a cross-sectional observational study. <i>Ömer Elma</i> (Turkey/Belgium) Comparison of the impact of central sensitization between patients with chronic low back pain and knee osteoarthritis. <i>Katsuyoshi Tanaka</i> (Japan) Cognitive behavioral therapy for insomnia within a comprehensive treatment approach for chronic spinal pain: a randomized controlled trial. <i>Eveline Van Looveren</i> (Belgium)

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11.00 - 11.25	Coffee Break – CAMPUS LIBRARY, GROUND FLOOR				
	Poster sessions – CAMPUS LIBRARY, GROUND FLOOR				
	<p>S1 - Poster session 1: Pain Management Chair: Margot De Kooning Tour starting at: 11:25 P1. Comparison of Acceptance & Commitment Therapy (ACT) to a multi-modal Physical Therapist intervention (PT) and ACT/PT combination for chronic pain. <i>Jennifer Gansen</i> (USA) P2. The effectiveness of Robot- Erigo to reduce the pain in patients with advanced MS (EDSS ≥7). <i>Mehrnaz Hamedani</i> (Italy) P3. P4. Innovation in pain management: using a participatory design method to develop a relapse prevention intervention. <i>Stefan Elbers</i> (The Netherlands) P5. A multi-parameter approach for objective measurement of pain. <i>Yacine Hadjiat</i> (Singapore)</p>	<p>S2 - Poster session 2: Quantitative sensory testing Chair: Angelo Schenone Tour starting at: 12:00 P6. Inter-rater reliability of temporal summation, thermal and pressure pain thresholds in a musculoskeletal trauma population. <i>Nicola Middlebrook</i> (UK) P7. Effects of conditioned pain modulation on the nociceptive flexion reflex in healthy adults: a systematic review. <i>Evy Dhondt</i> (Belgium) P8. Central pain modulation in children with functional abdominal pain related disorders. <i>Roselien Pas</i> (Belgium) P9. Quantitative Sensory Testing in Breast Cancer Patients: validity and reliability. <i>Lore Dams</i> (Belgium) P10. Thermographic patten of the hand and its relationship with the pressure pain threshold in Fibromyalgia patients. <i>Antonio Casas</i> (Spain)</p>	<p>S3 - Poster session 3: Spinal pain Chair: Jessica Van Oosterwijck Tour starting at: 11:25 P11. Modulation of the time of action of a placebo analgesic cream in neck pain patients. <i>Eleonora Maria Camerone</i> (Italy) P12. Health history, trigger points and widespread pressure pain hypersensitivity in subjects with chronic neck pain: a preliminary study. <i>Matteo Castaldo</i> (Italy) P13. Investigating the variability of spinal movement during walking in people with chronic neck pain. <i>Feras Alsultan</i> (UK) P14. Efficacy of Pain neuroscience education plus cognition-targeted motor control to improve cervical motor control: secondary analysis of a RCT. <i>Ward Willaert</i> (Belgium) P15. The interaction between chronic spinal pain and sleep quality in people with chronic spinal pain and comorbid insomnia: a systematic review. <i>Eveline Van Looveren</i> (Belgium)</p>	<p>S4 - Poster session 4: Culture Chair: Kayleigh De Meulemeester Tour starting at: 12:00 P16. Religious Beliefs and Practices in Relation to Chronic Pain among Multiethnic Communities. <i>Charbel Najem</i> (Lebanon) P17. P18. The culture-sensitive and standard pain neuroscience education improve pain, disability, and pain cognitions in first-generation Turkish migrants with chronic low back pain: a pilot randomized controlled trial. <i>Dorine Lenoir</i> (Belgium) P19. Development of culturally sensitive Pain Neuroscience Education materials for Hausa patients with chronic spinal pain: A modified Delphi study. <i>Naziru Bashir Mukhtar</i> (Belgium)</p>	<p>S5 - Poster session 5: Cognitive and lifestyle factors related to pain Chair: Anneleen Malfliet Tour starting at: 11:25 P20. Chronic Pain and Nutrition in Breast Cancer Survivors: A Cross-sectional Study. <i>Sevilay Tumkaya Yilmaz</i> (Turkey/Belgium) P21. Pain intensity, central sensitization and pain catastrophizing in Raynaud’s phenomenon: a case-control study. <i>Rosa Maria Tapia</i> (Spain) P22. Associations Between Symptoms of Central Sensitization and Cognitive Behavioral Factors In People With Chronic Low Back Pain: A Cross-Sectional Study. <i>Eva Huysmans</i> (Belgium) P23. The role of nutrition in chronic musculoskeletal pain: a systematic review. <i>Ömer Elma</i> (Turkey/Belgium)</p>
11.25 – 12.30					
12.30 - 13.30	Lunch – CAMPUS CANTEEN				

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13.30 – 14.15	<p align="center">Keynote lecture – ROOM AN1 EXERCISE FOR NECK PAIN: TARGETING MECHANISMS AND FUNCTIONAL IMPAIRMENTS Speaker: Prof. Deborah Falla Introduction: Mira Meeus</p>	
14.20 – 15.20	<p align="center">Oral Session 3 – ROOM LA218 Assessment Chair: Iris Coppieters</p> <ol style="list-style-type: none"> Offset analgesia in patients with migraine and healthy controls. <i>Tibor Szikszay</i> (Germany) Who is more prone to experimentally-induced central sensitization amongst subjects with temporomandibular disorders and healthy individuals? <i>Timothée Cayrol</i> (Belgium) Investigating the repeatability and stability of exercise induced hypoalgesia in healthy adults. <i>Pauline Kuithan</i> (UK) Parallel versus sequential conditioned pain modulation testing using various parameters: does it make a difference? <i>Roland Reezigt</i> (the Netherlands) 	<p align="center">Oral Session 4 – ROOM MA218 Cancer-related pain Chair: An De Groef</p> <ol style="list-style-type: none"> Relations between nutrition and chronic pain in cancer patients and cancer survivors. <i>Sevilay Tumkaya Yilmaz</i> (Turkey/Belgium) The effectiveness of pain neuroscience education (PNE) for pain-related disability after breast cancer surgery (EduCan Trial): study protocol for a randomized controlled trial. <i>Lore Dams</i> (Belgium) Reliability, Validity, Responsiveness and Minimal Clinically Important Change of the Dutch Version of the Pain Disability Index (DV-PDI) in Female Breast Cancer Patients. <i>Elien Van der Gucht</i> (Belgium) Using a humanoid robot to distract children with cancer undergoing painful procedures: a pilot randomized controlled trial. <i>Emma Rheel</i> (Belgium)
15.20 – 15.45	<p align="center">Coffee Break – CAMPUS LIBRARY, GROUND FLOOR</p>	
15.50 – 16.35	<p>Meet the expert 1 – ROOM LA218 Important lessons for getting the most out of your PhD trajectory Prof. Rob Smeets Chair: Tommaso Geri</p>	<p>Meet the expert 2 – ROOM MA218 Strategies to increase publication success Prof. Deborah Falla Chair: Marco Testa</p>
16.40 – 17.40	<p align="center">Oral Session 5 – ROOM LA218 Basic Science Chair: Angelo Schenone</p> <ol style="list-style-type: none"> Noninvasive intracranial pressure monitoring in patients with chronic migraine. <i>Denise Martineli Rossi</i> (Brazil) Epigenetics of BDNF and its relationship with central sensitization in patients with chronic widespread pain and chronic fatigue syndrome. <i>Andrea Polli</i> (Italy/Belgium) Assessment of the effects caused by mechanical stimulation in peripheral nervous system. <i>Giacomo Carta</i> (Italy) Self-reinforcement mechanism of the placebo effect in painful paraesthesia. <i>Waclaw Adamczyk</i> (Germany) 	<p align="center">Oral Session 6 – ROOM MA218 Pain Neuroscience Education Chair: Paul Van Wilgen</p> <ol style="list-style-type: none"> Pain neuroscience education for children with functional abdominal pain related disorders: a randomized controlled pilot study. <i>Roselien Pas</i> (Belgium) Pain education for patients with low back pain in Nepal: results from PNE-LBP feasibility clinical trial. <i>Saurab Sharma</i> (Nepal) Effectiveness of pain neuroscience education and physiotherapy in subjects scheduled for a total knee arthroplasty: randomized clinical trial. <i>Marc Terradas-Monllor</i> (Spain) Effects of virtual reality-based rehabilitation in patients with total knee arthroplasty: a randomized controlled trial. <i>Silvia E. Gianola</i> (Italy)
17.45 – 18.45	<p align="center">Social Events: Pesto&Wine, Local craft beer & Focaccia</p>	
20.00 – 23.00	<p align="center">Social Dinner</p>	

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DAY 2: SUNDAY, JUNE 2ST, 2019. UNIVERSITY CAMPUS OF SAVONA, ITALY

8.00	Delegates Registration and poster set-up – CAMPUS LIBRARY	
9.00 - 9.45	Keynote lecture – ROOM AN1 ASSESSING CENTRAL AND PERIPHERAL MECHANISMS OF PAIN AND FATIGUE Speaker: Prof. Jessica Van Oosterwijck Introduction: Anneleen Malfliet	
9.55 - 10.55	Oral Session 7 – ROOM LA218 Improving treatment responses Chair: Jo Nijs <ol style="list-style-type: none"> 1. Barriers and facilitators with regard to the usability of a blended intervention in patients with medically unexplained physical symptoms. <i>Suze Toonders</i> (the Netherlands) 2. Rehabilitation intervention in randomized controlled trials for low back pain: are they statistically significant and clinically relevant? <i>Greta Castellini</i> (Italy) 3. A Delphi study to identify care priorities for South African patients suffering with phantom limb pain after limb amputation. <i>Katleho Limakatso</i> (South Africa) 4. The use of symptomatic medication is associated with the degree of sensitization in patients with tension type headache. <i>Matteo Castaldo</i> (Denmark) 	Oral Session 8 – ROOM MA218 Pain and surgery Chair: Marco Testa <ol style="list-style-type: none"> 1. Associations between health-related quality of life and nociceptive modulation and employment status in patients with lumbar radiculopathy. <i>Wouter Van Bogaert</i> (Belgium) 2. Central pain processing, psychosocial and lifestyle factors as potential moderators of outcome after rotator cuff repair: a protocol. <i>Ariane Schwank</i> (Switzerland/Belgium) 3. Which factors influence the central sensitization inventory in patients of the total hip replacement waiting list? <i>Leandro Fukusawa</i> (Brazil) 4. The role of pain cognitions in health care utilization in patients undergoing surgery for lumbar radiculopathy: a randomized controlled trial. <i>Eva Huysmans</i> (Belgium)
11.00 - 11.25	Coffee Break – CAMPUS LIBRARY, GROUND FLOOR	

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Poster sessions – CAMPUS LIBRARY, GROUND FLOOR

11.25 – 12.30	<p>S6 - Poster session 6: Spinal pain Chair: Rob Smeets Tour starting at: 11.25</p> <p>P24. Central sensitization and physical activity in patients with chronic low back pain. <i>Jone Ansuategui Echeita</i> (The Netherlands)</p> <p>P25. Functional brain alterations in low back pain: a systematic review of EEG studies. <i>Sophie Van Oosterwijck</i> (Belgium)</p> <p>P26. Movement Evoked Pain in Patients with Chronic Low Back Pain: Is There a Role for Transcutaneous Electrical Nerve Stimulation? A Pilot Study. <i>Ömer Elma</i> (Belgium)</p> <p>P27. Risk factors for developing insomnia in chronic spinal pain patients: a systematic review and meta-analysis. <i>Thomas Bilterys</i> (Belgium)</p> <p>P28. Morphological differences in the upper trapezius muscle between female office workers with and without trapezius myalgia: facts or fiction? <i>Kayleigh De Meulemeester</i> (Belgium)</p>	<p>S7 - Poster session 7: Psychology & pain Chair: Kelly Ickmans Tour starting at: 12.00</p> <p>P29. Reliability and validity of the Dutch Injustice Experience Questionnaire in patients with chronic pain. <i>Rinske Bults</i> (The Netherlands)</p> <p>P30. Parental involvement during children’s painful medical procedures: a systematic review. <i>Emma Rheel</i> (Belgium)</p> <p>P31. The knowledge of contextual factors as triggers of placebo and nocebo effects in patients with musculoskeletal pain: findings from a national survey. <i>Giacomo Rossettini</i> (Italy)</p> <p>P32. Explicit and implicit experience of one’s own body in musculoskeletal and rheumatic disorders: a scoping review. <i>Antonello Viceconti</i> (Italy)</p> <p>P33. Theological and philosophical concepts of hope and their clinical application in a holistic treatment of chronic pain. <i>Lena Maria Lorenz</i> (UK)</p>	<p>S8 - Poster session 8: Basic Science Chair: Iris Coppieters Tour starting at: 11.25</p> <p>P34. Reactive postural responses of patients with migraine – A controlled study. <i>Gabriela Ferreira Carvalho</i> (Brazil)</p> <p>P35. Offset analgesia: affected by exercise and delayed onset muscle soreness? <i>Tibor Szikszay</i> (Germany)</p> <p>P36. Noxious stimuli in the neck does not inhibit tactile acuity function. <i>Waclaw Adamczyk</i> (Germany)</p> <p>P37. Infrared thermography of the hand and its relationship with the symptomatology in patients with Fibromyalgia. <i>Antonio Casas</i> (Spain)</p> <p>P38. Pressure pain sensitivity, pain magnitude and vascular impairment in Raynaud’s phenomenon. <i>Rosa Maria Tapia</i> (Spain)</p>	<p>S9 - Poster session 9: Clinical assessment Chair: An De Groef Tour starting at: 12.00</p> <p>P39. Diagnosis of frozen shoulder: value of the coracoid pain test. A research proposal. <i>Michel Mertens</i> (Belgium)</p> <p>P40. Development of the Illustrated Scale of Fear of Activities Related to the Shoulder in subjects with shoulder persistent pain. Pilot-Testing. <i>Walter Ansanello</i> (Spain)</p> <p>P41. Evaluating Upper Limb Performance after Breast Cancer Surgery through Tri-Axial Accelerometers. <i>Elien Van der Gucht</i> (Belgium)</p> <p>P42. Advancing the clinical assessment of sensitivity to physical activity. <i>Arthur Woznowski-Vu</i> (Canada)</p> <p>P43. Multidimensional evaluation of patients with Low Back Pain in public hospital - Preliminary results of a cross-sectional study. <i>Leandro Fukusawa</i> (Brazil)</p>	<p>S10 - Poster session 10: Surgery Chair: Sanneke Don Tour starting at: 11.25</p> <p>P44. Treatment recommendations for phantom limb pain in people with amputations: an expert consensus Delphi study. <i>Katleho Limakatso</i> (South Africa)</p> <p>P45. The influence of pain cognitions on conditioned pain modulation in patients with lumbar radiculopathy scheduled for surgery: a cross-sectional study. <i>Wouter Van Bogaert</i> (Belgium)</p> <p>P46. The role of expectations in patient reported outcomes following shoulder arthroplasty: A prospective cohort study (The Shoulder Diary). <i>Brechtje Hesseling</i> (Netherlands)</p> <p>P47. Predicting outcome of total knee replacement surgery in patients with knee osteoarthritis: a prospective study on the role of altered central pain processing, structural, functional, metabolic, inflammatory and psychological factors. <i>Lotte Meert</i> (Belgium)</p> <p>P48. Analysis of the prognostic factors of functional results in patients undergoing cuff rotator repair. <i>Felipe de Souza Serenza</i> (Brazil)</p>
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12.30 - 13.30	Lunch – CAMPUS CANTEEN	
13.30 – 14.20	Keynote lecture – ROOM AN1 PAIN AND THE REPRESENTATION OF THE BODY IN THE BRAIN; A COMPLEX RELATIONSHIP Speaker: Prof. Alberto Gallace Introduction: Marco Testa	
14.30 – 15.30	Oral Session 9 – ROOM LA218 Non-specific factors in therapy Chair: Alberé Koke <ol style="list-style-type: none"> 1. Observing transdisciplinary pain neuroscience education practice: what kind of processes are involved? <i>Amarins Wijma</i> (the Netherlands) 2. Measuring therapeutic alliance in multidisciplinary pain rehabilitation. <i>Davy Paap</i> (the Netherlands) 3. Influence of education level on the effectiveness of pain neuroscience education: a secondary analysis of a randomized controlled trial. <i>Thomas Bilterys</i> (Belgium) 4. Modulation of the time of action of a placebo analgesic cream in healthy adults. <i>Eleonora Maria Camerone</i> (Italy) 	Oral Session 10 – ROOM MA218 Psychology in Pain Chair: Paul Van Wilgen <ol style="list-style-type: none"> 1. Pain-related sensory and psychological factors may contribute to walking impairment in adults with low back pain. <i>Katie Butera</i> (USA) 2. Spinal Cord Injury and emotional responses: a topography in empathy for pain. <i>Giulia Caffini</i> (Italy) 3. Body Perception in fibromyalgic patients: a mixed-method research study. <i>Antonello Viceconti</i> (Italy)
15.40 – 16.25	Meet the expert 3 – ROOM LA218 How to continue a career in academia: You have a PhD, now what? Prof. Jessica Van Oosterwijck Chair: Dorien Goubert	Meet the expert 4 – ROOM MA218 Research in human somatosensation: methods and potentialities Prof. Alberto Gallace Chair: Paul Van Wilgen
16.35 – 17.30	Summary and Awards of Best Oral and Poster Presentation – ROOM AN1 PSiM 2021 announcement	
17.30	Closure of conference – ROOM AN1	