

Shiftwork2019 Preliminary Presentation Schedule

Program is subject to change

Tuesday, September 10, 2019

09:30	Keynote #1 Anne Helene Garde ("Health and Safety Risks Related to Characteristics of Shift Work Scheduling")			
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Oral Session #1 Shift Work: Fatigue & Safety		Oral Session #2 Working Time Arrangements		
11:00	Kimberly Honn	Fatiguing Effect of Multiple Take-Offs and Landings in Regional Airline Operation	Jacqueline Ferguson	Characterizing the Distribution of Shift Domains by Demographics and Shift Schedule in the American Manufacturing Cohort
11:15	Cassie Hilditch	Schedule Factors Associated with the Use of Controlled Rest in a Long-Haul Airline	Johannes Gärtner	Modeling injuries and accidents based on selected working hours characteristics - A discussion of open questions and how to deal with them
11:30	Samantha Riedy	Model-Derived Estimates of Police Officers' Sleepiness using Actual and Predicted Sleep/Wake Behavior	Lucia Rotenberg	Time, work and health among Brazilian civil servants: working too many hours, working under time pressure, or both?
11:45	Elizabeth Dotson	Effects of Fatigue on Officer Performance in Deadly Force Simulations	Nils Backhaus	Working Time Variability and Flexibility in Europe Revisited: A Typological Approach
12:00	Mathias Basner	Sleep and Alertness in a Duty-Hour Flexibility Trial in Internal Medicine	Claire Caruso	Disseminating Policy Recommendations to Reduce Fatigue in Nurses
12:15	David Dinges	Naturalistic Study of Sleep Quantity and Quality, Alertness, Sleepiness, Fatigue, and Stress in U.S. Commercial Motor Vehicle (CMV) Drivers: On-Duty Days vs. Restart (Off-Duty) Days	Jarno Turunen	The Effects of the Use of Participatory Working Time Scheduling Tool on Sickness Absence: Results from Quasi-Experimental Study

Symposium #1 Night Work is Bad, So Day Work is Good, Right?		Symposium #2 Using Post-Event Fatigue Investigations to Improve Safety		
Chair: Siobhan Banks		Chairs: Jana Price & Katherine Wilson		
13:45	Kenneth Wright Jr.	Daylight Exposure: Effects on Metabolism	Missy Rudin-Brown	TSB Fatigue Investigation Methodology and Recommendations
14:15	Claudia Moreno	Eating, Sleeping, and Working in Different Environments: Does it Make a Difference?	Jason Palmer	Using Vehicle Data to Identify and Address Fatigue
14:45	Arne Lowden	Circadian and Sleep Constraints in Day Workers and Retired	Jim Mangie	Voluntary Fatigue Reporting System Within a Fatigue Risk Management System
15:15	Göran Kecklund	Working Mainly at Daytime: Health and Safety Risk Without Circadian Disruption	Anne Kirsch	OSA Screening, Diagnosis, and Treatment Program Implementation After a Major Rail Event

Wednesday, September 11, 2019

Oral Session #3 Sleep & Work-Life Balance		Oral Session #4 Sleepiness & Cognition	
09:00	Heli Järnefelt	Insomnia Interventions among Shift Workers: An RCT Trial in Occupation Health Services	Darian Sidebottom
			Executive and Non-Executive Components of Visual Working Memory Task Performance During Total Sleep Deprivation
09:15	Charli Sargent	The Impact of Different Daytime Sleep Strategies on Sleep Duration During a Week of Simulated Night Work	Amanda Hudson
			Effects of Acute Total Sleep Deprivation on Sustained Attention and Response Inhibition
09:30	Simone Karan	What is the Impact of On-call Working Time Arrangements for the Partners of On-Call Workers?	Lily Wong
			Supervision of a Self-Driving Vehicle Unmasks Latent Sleepiness Relative to Manual Driving
09:45	Corinna Brauner	Health and Work-Life Balance Across Types of Work Schedules: A Latent Class Analysis	Ashleigh Filtness
			Self-reported Driver Sleepiness in London bus drivers

Symposium #3 Sleep, Work, and Chronic Disease: New Insights and Current Challenges		Symposium #4 Individual Differences in Shift Work Tolerance: Gender & Aging	
Chair: Céline Vetter		Chair: Heidi Lammers-van der Holst	
10:30	Amy Reynolds	Non-Standard Work Hours and Chronic Health Conditions in Australia	Diane Boivin
			Sex Differences in Tolerance to Night Shifts
11:00	Johnni Hansen	Shift-Work, Diurnal Preference, Sleep and Parkinson's Disease	Parisa Vidafar
			Sex Differences in Shift Work Tolerance: Searching for a Potential Mechanism
11:30	Philip Tucker	Shiftwork and Prescription Medication Use	Mikko Härmä
			Working Hours, Sleep and Fatigue in the Finnish Public Sector-Study. Does Ageing Matter?
12:00	Jill Dorrian	Coping Strategies and Health in Shift Workers	Jeanne Duffy
			Older Shiftworkers: Greater Tolerance for Sleep Loss, But Worse Ability to Sleep at Adverse Times

13:45	Keynote #2 Michael Belzer ("The Economics of Long Work Hours")		
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Oral Session #5 Shiftwork & Patient Care		Oral Session #6 Circadian Misalignment & Light	
18:30	Nathaniel Elkins-Brown	The Impact of Day and Night Shifts on Sleep and Patient Care Skills in Registered Nurses	Gregory Roach
			Daylight Light Exposure Affects Circadian Adaptation to a Week of Night Shifts
18:45	Anna Dahlgren	Teaching strategies for sleep and recuperation to new nurses who are starting shift work: can it mitigate fatigue and ill-health? Results from a randomized controlled trial	Heidi Lammers-van der Holst
			Individual Differences in Response to Bright Light Exposure to Enhance Adaptation to a Counterclockwise Shift Work Rotation
19:00	Lois James	The Impact of Cumulative 12-Hour Work Shifts on Nursing Critical Skills	Erlend Sunde
			Effects of Different Light Intensities on Adaptation to Simulated Night Shifts: A Randomized Counterbalanced Crossover Study
19:15	Jlynn Westley	The Impact of Hours Worked on Near Miss Medication Error Alerts	Philip Cheng
			Risk-taking and circadian misalignment in night shift workers

Thursday, September 12, 2019

Oral Session #7 Shiftwork & Disease		Oral Session #8 Food & Caffeine Intake	
09:00	Jeanette Jørgensen	Anastasi Kosmadopoulos	Shift Work and Incidence of Dementia: A Danish Nurse Cohort Study
09:15	Bette Loef	Crystal Yates	The quantity and timing of food intake by police officers on rotating shift schedules varies by shift type
09:30	Elaine Marqueze	Devon Hansen	Shift Workers in Healthcare have a Higher Incidence and Severity of Respiratory Infections than Non-Shift Workers
09:45	Bala Koritala	Alex Agostini	Strategically Timed Food Intake During the Night Shift: Putting These Countermeasures to Practice
			Effects of Repeated Dose Caffeine on Neurobehavioral Performance during 48 hours of Total Sleep Deprivation
			The relationships between coping styles and food intake in shiftworking nurses and midwives

Symposium #5 Fatigue Risk Management in Nursing and Opportunities for Innovation and Growth		Symposium #6 Strategies to Mitigate Fatigue Hazard Due to Irregular Working Hours in Transport	
Chair: Lois James		Chair: Göran Kecklund	
10:30	Linsey Steege	Torbjörn Åkerstedt	Addressing Occupational Fatigue in Nurses - Fatigue Monitoring and Risk Management to Improve Nurse Safety and Health
11:00	Chiara Dall'Ora	Mikael Sallinen	Sleepiness at Top of Descent - Influence of Time of Day, End Time, Duration and Sectors in a Large European Sample of Aircrew
11:30	Knar Sagherian	Stephen Popkin	Fatigue Mitigation in Air, Road, and Rail Transport: Biomathematical Modeling and Operators' Behavioral Strategies
12:00	Marian Wilson	Anna Anund	At the Intersection of Hours of Service Regulations, Fatigue Risk Management and the Changing Landscape of Vehicle - Operator Interaction: Charting a New Destination or Doomed to Go Around in Circles
			Autonomous Driving and Working Hours in Road Transport

13:45	Keynote #3 John Axelsson ("When Can You Start to Trust an Awakening Brain?")		
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Friday, September 13, 2019

Symposium #7 Circadian Health and Optimization on a Shiftwork Schedule		Symposium #8 Modeling Shift Work and Circadian Disruption: Experimental and Mathematical Approaches	
Chair: Diane Boivin		Chair: Masaya Takahashi	
10:00	Céline Vetter Sleep Around the Clock: Chronotypes and Sleep Health in Contemporary Nursing Schedule	Janne Grønli	Can Night Shift Workers Benefit From Light Exposure?
10:30	Gena Glickman Optimizing Shiftworker Sleep and Circadian Health via Novel Lighting Strategies	Iliia Karatsoreos	Human Val66Met Polymorphism Alters Sleep and Circadian Responses in a Mouse Model of Chronodisruption
11:00	Siobhan Banks Altering the Timing of Meals to Improve Metabolic Health in Shift Workers	Svetlana Postnova	Predicting Alertness, Sleep, and Circadian Dynamics in Nurses Working Shifts
11:30	Emily Manoogian Time-Restricted Eating to Improve Health in Firefighters	Michael Rempe	A Mathematical Framework for Understanding Sleep Disturbances in a Rodent Model of Shift Work