11TH GAIT AND BRAIN SEMINAR SERIES
IN CONJUNCTION WITH COGNITIVE VITALITY AND BRAIN HEALTH GRAND ROUNDS

Tuesday, October 17, 2017

St. Joseph's Parkwood Institute
Room F2-235, Mental Health Care Building Auditorium

"ENGINEERING HUMAN GAIT"

Guest Speaker
Dr. Ervin Sejdic

Dr. Ervin Sejdic is an Associate Professor at the University of Pittsburgh's Electrical and Computer Engineering, Bioengineering, and Biomedical Informatics Departments.

Upon completion of his doctoral degree in electrical engineering at Western University, Dr. Sejdic completed his postdoctoral training in Rehabilitation Engineering and Biomedical Instrumentation at the University of Toronto (2010) followed by his Research Fellowship in Cardiovascular and Cerebrovascular Monitoring of Older Diabetic Adults at Harvard University (2011).

He is the recipient of the National Science Foundation's Early Career Development Award (2017) and the Barack Obama, President of the United States Early Career Award for Scientists and Engineers Award (2016).

With over 100 publications, Dr. Sejdic also contributes as a co-investigator on the Canadian Institutes of Health Research (CIHR) observational 'Gait and Brain Study' at Parkwood Institute: Gait as a clinical marker to predict progression to dementia syndromes in MCI (Principal Investigator: Dr. Manuel Montero-Odasso).

His current interests include studying advanced information systems in medicine, gait analysis, and vascular aging and disease.

AGENDA

2:45 P.M.
Welcome Remarks by Dr. M. Montero-Odasso, MD, PhD

2:50 P.M.
Eleven years of the Gait and Brain seminars and research by Dr. M. Montero-Odasso, MD, PhD

3:00 P.M.
Lecture by Dr. Ervin Sejdic

3:50 P.M.
Question & answer

4:00 P.M.
Evaluations

4:10 P.M.
Adjourn

Schulich MEDICINE & DENTISTRY
LAWSON HEALTH RESEARCH INSTITUTE
GAIT & BRAIN LAB — LAWSON HEALTH RESEARCH INSTITUTE
Western

11TH GAIT AND BRAIN SEMINAR SERIES
IN CONJUNCTION WITH COGNITIVE VITALITY AND BRAIN HEALTH GRAND ROUNDS

Tuesday, October 17, 2017

St. Joseph's Parkwood Institute
Mental Health Care Building Auditorium, Room F2-235

LEARNING OBJECTIVES

Upon completion of this activity, the participant will be able to:

1. To review bioengineering modeling of mobility patterns focusing on gait performance

2. To present novel data analytics and instrumentation approaches that accurately assess changes in gait by focusing on dynamical interactions between musculoskeletal and other physiological systems

SPONSORS

This program was supported in part by an education grant from ProtoKinetics and the F.J.H. Campbell lectureship fund.

ACKNOWLEDGEMENTS

The Gait and Brain Lab and the Division of Geriatric Medicine, Department of Medicine, at the Schulich School of Medicine & Dentistry, Western University.

STUDY CREDITS

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada, and approved by Continuing Professional Development, Schulich School of Medicine & Dentistry, Western University (1.5 hours).

Each participant should claim only those hours of credit that he/she actually spent participating in the educational program.

RSVP

Seating is limited. Please RSVP to Brenda Honsinger:
Email: brendahonsinger@sjhc.london.on.ca
Phone: 519.685.4292 ext. 45024

The Gait and Brain Seminar Series is a no-cost event.

VIDEOCONFERENCING AVAILABLE

OTN Event # 72728466
Ensure your OTN equipment is up and running by 2:30 p.m. If you connect after 2:30 p.m. call OTN at 1.866.454.6861 and have your event site number, I.D. and camera number available.

Webcast Link: If you would like to participate via webcast, email **brendahonsinger@sjhc.london.on.ca** and we will send you the link closer to the event.

Schulich MEDICINE & DENTISTRY

LAWSON HEALTH RESEARCH INSTITUTE

GAIT & BRAIN LAB — LAWSON HEALTH RESEARCH INSTITUTE

Western