A JOURNEY THROUGH COMPLEXITY: HEALTHY BEHAVIOR IS NOT NORMAL

Featuring Dr. Vivien Marmelat
University of Nebraska at Omaha

September 22, 2017 | 12:00 - 1:15 pm | H&K112
Parking Available in Lot T

ABOUT DR. MARMELAT

Dr. Vivien Marmelat is an Associate Professor in the Department of Biomechanics at UNO. He earned PhDs from both the University of Montpellier (France) and the VU University Amsterdam (Netherlands). He is working at the interface of statistical physics, clinical research, biomechanics and motor control to understand the origins and the role of human movement variability, and to develop innovative diagnostic and prognostic tests for populations suffering movement disorders.

LEARNING OBJECTIVES

• Explain the foundations of complexity sciences
• Describe past, current and future research projects, many of which consider Parkinson’s disease as a model of multi-scale rhythm impairments.
• Explore theoretical and empirical mechanisms leading to the presence (and the absence) of fractal fluctuations.

ACCREDITATION STATEMENT

The University of Nebraska Medical Center, Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT STATEMENT

The University of Nebraska Medical Center, Center for Continuing Education designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.