



SOCIETY FOR BRAIN MAPPING & THERAPEUTICS

*Breaking Boundaries of Science, Technology,
Medicine, Art & Healthcare*

Society for Brain Mapping and Therapeutics 2018 World Congress

featuring



Advanced Analytics in Sport Neuroscience and Brain Health



**Chair; Exercise, Fitness
and Brain Health**

Michael Bergeron, Ph.D.,
Senior Vice President
SIVOTEC Analytics
Boca Raton, FL

This timely session is designed to strategically integrate several highly relevant disciplines, beginning with select positive aspects of regular exercise and fitness on brain health and activity-dependent neuroplasticity. This will be followed by potential concerns on adolescent brain health with Sport participation, and how advanced technology platforms can be diagnostically revealing across sport and athlete development, as well as the post-concussion period to resolve. The session will close with an emphasis on pulling it together with an advanced analytics / predictive modeling solution and commercializing neuroscience and brain health knowledge.

SIVOTEC[™]
ANALYTICS



**The Adolescent Brain
in Sport**

Todd A. Maugans, M.D.,
Chief, Division of
Neurosurgery, Nemours
Children's Hospital
Orlando, FL



**Integrated Technologies
in Monitoring
Brain Health & Performance**

Vernon Williams, M.D.,
Director, Kerlan-Jobe
Center for Sports Neurology
Los Angeles, CA



**Advanced Analytics and
Predictive Modeling**

Taghi Khoshgoftaar, Ph.D.,
Chair & Professor, Dept. of
Computer & Electrical
Engineering & Computer
Science, Florida Atlantic
University, Boca Raton, FL



**Commercializing Neuroscience
and Brain Health Knowledge**

Pete Martinez
CEO, SIVOTEC Analytics
Boca Raton, FL