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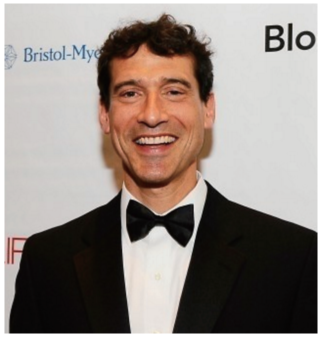
THE 2ND CSE-NIMS WORKSHOP

Bioimpedance method for noninvasive tissue monitoring

12th April, 2017 Wednesday

ASTC Room 615, Yonsei University 연세대학교 **첨단관(117동) 615호**

Keynote Speaker



Seward Rutkove / Harvard University

Dr. Seward Rutkove (chief, Division of Neuromuscular Disease) is affiliated with Beth Israel Deaconess Medical Center and Professor of Neurology at Harvard Medical School. His focus is on translational research into the development of novel diagnostics and therapeutics for the care of individuals with neuromuscular disease.

Past, present and future applications of electrical impedance to neuromuscular disease

Eung Je Woo / Kyung Hee University

Woo received the Ph.D. degree in electrical and computer engineering from the Univ. of Wisconsin-Madison in 1990. Since 2002, he has been the Director of IIRC. His research interests include electromagnetic tissue property imaging of EIT, MREIT, MREPT and QSM, biomedical instrumentation, biomedical signal processing, and computing. He is a senior member of the IEEE Engineering in Medicine & Biology Society and a member of KOSOMBE.

Impedance imaging: from bench to bedside

Program

14:00-14:50	Past, present and future applications of electrical impedance to neuromuscular disease	Seward Rutkove / Harvard Univ.
15:00-15:50	Impedance imaging: from bench to bedside	Eung Je Woo / Kyung Hee Univ.
15:50-16:15	Coffee Break	
16:15-16:30	Tissue characterization using bioimpedance	Tong In Oh / Kyung Hee Univ.
16:30-17:00	Clinical importance of abdominal fat	Yong Eun Chung / Yonsei Medicine
17:00-17:15	Body Fat Estimation Using Electric Impedance Tomography	Minha Yoo / NIMS
17:15-17:30	Static EIT Experiments	Kyounghun Lee / Yonsei Univ.
18:00-20:00	Banquet	

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