

IFMBE Young Investigator Session on 7th July 2015 @ Room 718A

Start Time	End Time	ID	Title	Name of Presenter	
Session moderators: Dr James Kah and Dr Akihiro Yamada					
13:30	13:34		Welcome by A/Prof Igor Lacković , Chair, Judging Panel		
13:35	13:47	94	A mobile monitoring tool for the automatic activity recognition and its application for Parkinson's disease rehabilitation	J. Cancela	
13:48	14:00	882	Developing a pH Responsive Mesh as a Smart Skin Wafer in Ostomy Appliances	A. McLister	
14:01	14:13	1037	A synchrotron radiation microtomography study of wettability and swelling of nanocomposite Alginate/Hydroxyapatite scaffolds for bone tissue engineering	F. Brun	
14:14	14:26	1502	Scaffold Prototype for Heart Valve Tissue Engineering: Design and Material Analyses	M. Simbara	
14:22	14:34	1256	Multi-criteria decision analysis to redesign an Italian Clinical Engineering Service under specific needs and regulation requirements	I. Lasorsa	
14:35	14:49	BREAK			
Session moderators: Dr Thomas Lee and Dr Chih-Chung Huang					
14:50	15:02	1797	Next generation transdermal drug delivery ? An electrochemical approach to pH manipulation for controlled release within smart patch technologies	A. Anderson	
15:03	15:15	1972	Preoperative in silico analysis of atherosclerotic calcification vulnerability in carotid artery stenting using Finite Element Analysis by considering Agatston score	S. Riyahi Alam	
15:16	15:28	1793	Acute Mental Stress Detection via Ultra-short term HRV Analysis	R. Castaldo	
15:29	15:41	2298	Classification of responders versus non-responders to tDCS by analyzing voltage between anode and cathode during treatment session	I. Nejadgholi	
15:42	15:54	2660	Spectral Analysis of Respiratory and Cardiac Signals Using Doppler Radar	P. Tworzydło	