

BioEM 2025

Tuesday 24 June 2025

Flash Poster Presentation B - La Nef (09:30 - 10:30)

-Conveners: Luc Martens; Niels Kuster

[id] title	presenter	board
[211] PB/FB-01 Feasibility study of a microwave surgical energy device composed of a waveguide	NISHIDATE, Tsugumi	
[212] PB/FB-02 A mmWave RF-EMF exposure sensor for 5G FR2: concept and design	VAN DER STRAETEN, Jeroen	
[213] PB/FB-03 Far-field Environmental and Auto-Induced RF-EMF Human Absorption Simulations in Different Phantoms	WYDAEGHE, Robin	
[214] PB/FB-04 A whole-transcriptome approach to determine the effects of 5G-modulated RF-EMF exposure in keratinocytes	SEGERS, Seppe	
[215] PB/FB-05 Evaluation of multi-frequency electromagnetic exposure using an anatomically realistic computational human model	FUJITA, Homei	
[216] PB/FB-06 Electro-thermal coupled analysis during Electro-Magnetic Apical Treatment reflecting phase transition of saline solution and blood coagulation	USHIO, Kanta	
[217] PB/FB-07 Measurement of microwave-induced thermoelastic waves using laser Doppler vibrometer ~Surface Vibrations of Dielectric Phantom and Application to Microwave Auditory Effects~.	INAMORI, Shotaro	
[218] PB/FB-08 The Relationship between Interoception and Response Bias in Electric Field Detection	PAPSTEIN, Louis	
[219] PB/FB-09 Radio Frequency Electromagnetic Exposure of Insects at 10 cm from a Dipole Antenna	TORIBIO, David	
[220] PB/FB-10 Analysis of Auditory Characteristics of Repetitive Pulsed Sounds Induced by Microwave Exposure on Microwave Auditory Effect	HADI, Salam	
[221] PB/FB-11 Assessing the Physiological Effects of 2.45 GHz Radio-frequency Radiation on the Human Skin Bacterium <i>S. epidermidis</i>	TOMAR, Anuj	
[222] PB/FB-12 Magnetoelectric nanorods enabling wireless peripheral nerve recording: a computational study	GALLETTA, Valentina	