

December 14th, 2017

**Microbial Fuel Cell Session**

**Location: CAPUANA**

**Hotel Royal Continental, Naples, Italy**

**Chairmen: Pierangela Cristiani & Ioannis Ieropolous**

<b>9.00 → 9.20</b>	<b>EFC17268</b>	Microbial Fuel Cells Based on Mediated Electron Transfer through the Use of Redox Polymers <i>Lo Gorton</i>
<b>9.20 → 9.40</b>	<b>EFC17256</b>	Field testing of floating microbial fuel cells for energy harvesting in aerated water and wastewaters Cristiani Pierangela
<b>9.40 → 10.00</b>	<b>EFC17232</b>	Field trial of self-stratifying membraneless microbial fuel cells: increased lighting Walter Xavier Alexis
<b>10.00 → 10.20</b>	<b>EFC17111</b>	New terracotta-based microbial fuel cells treat wastewater while providing nutrients for microalgae cultivation Andrea Schievano
<b>10.20 → 10.40</b>		<b>Coffee break</b>
<b>10.40 → 11.00</b>	<b>EFC17110</b>	Giant Cane as Low-cost Material for Microbial Fuel Cells Architectures Marzorati stefania
<b>11.00 → 11.20</b>	<b>EFC17166</b>	Towards monolithically printed MFCs: A report on the development of a 3D-printable membrane electrode assembly (MEA) Theodosiou Pavlina
<b>11.20 → 11.40</b>	<b>EFC17080</b>	New insights into microbial fuel cell based sensors: the role of fluid dynamic and material morphology Quaglio Marzia
<b>11.40 → 12.00</b>	<b>EFC17022</b>	Manufacturing microbial fuel cell sensors from low-cost and biodegradable materials Di Lorenzo Mirella
<b>12.10 → 12.30</b>	<b>EFC17119</b>	Microbial Desalination Cell Cascade Merino Jimenez Irene
<b>12.30 → 12.50</b>	<b>EFC17007</b>	Microbial fuel cells treating urine as a source of disinfectant: a pathogens' killing efficacy study Obata Oluwatosin

12.50 → 13.10	EFC17170	Impact and solutions to solve the limitation of oxygen transport in biocathodes Erable Benjamin
13.10 → 14.30		<b>lunch</b>
13.40 → 14.30		<b>poster session</b>
14.30 → 14.50	EFC17177	Nitrogen-doped carbon aerogels as electrodes for oxygen reduction in microbial fuel cells: a green approach Salvador Gian Paolo
14.50 → 15.10	EFC17215	MnxOy decorated carbon-based cathode for ORR catalysis Chiodoni Angelica
15.10 → 15.30	EFC17188	Novel iron based catalyst using aminobenzimidazole and benzimidazole as organic precursor for microbial fuel cell applications Mecheri Barbara
15.40 → 16.00	EFC17147	Biochair-cathode-based Microbial Fuel Cells and carbon metal mesh performances in Solid-Phase-MFCs fed with the Organic Fraction of Municipal Solid Waste (OFMS) Nastro Rosa Anna
16.00 → 16.20	EFC17031	Anodes for Microbial fuel cell : what does occur inside pores ? Poehere Chong
16.20 → 16:40	EFC17113	Predicting the Electrochemical and Power Performances of Microbial Fuel Cells: a Novel Numerical Approach Falcucci Giacomo
16.50 → 17.10	EFC17046	Optimizing hydrogen production in a microbial electrolyzer using a weak-acid solution as catholyte Emma Roubaud
17.10 → 17.30	EFC17198	Microbioelectrochemical synthesis of carbohydrates from carbon dioxide reduction Izadi Paniz
17.30 → 17.50	EFC17276	Hydrocarbon removal efficiency in bioelectrochemical systems inoculated with cupriavidus metallidurans CH34 Espinoza Tofalos Anna
17.50 → 18.10	EFC17251	Influence of the geometry and nature of substrate in biofilm forming by Thermotoga neapolitana Squadrito Gaetano
18.10 → 19.00		<b>Coffee break &amp; poster session</b>