

**Monday October 21<sup>st</sup> : Welcome Reception & Round Table**

<b>19:00 – 20:00</b>	<b>Reception</b>	
<b>20:00 – 21:00</b>	<b>Round Table</b>	<b>Introduction-Discussion</b>
<b>21:00-21:30</b>	<b>Cost Project description</b>	<b>Giuseppina Rea (invited)</b>

**Tuesday October 22<sup>nd</sup>: Energy production, photosynthesis based photovoltaics & biomediators selection**

<b>9:00-11:00</b>	“Leaf-like materials capable of solar energy convention by photosynthesis”	<b>Bao Lian Su (invited)</b>
<b>11:00-11:30 Coffee break</b>		
<b>11:30-13:30</b>	"Molecular biotechnologies improving the bioreceptorial properties of Photosystem II”	<b>Giuseppina Rea (invited)</b>
<b>13:30-15:30 Lunch Break</b>		
<b>15:30-17:30</b>	“Biosensors based on aptamers detection”	<b>Giorgos Tsekenis (invited)</b>
<b>17:30- 17:50</b>	“Bio-photovoltaics based on hybrid systems of reaction centers and diamond”	<b>Roberta Caterino</b>
<b>17:50-18:10</b>	“Construction of photovoltaic cells based on Rhodobacter sphaeroides reaction centers”	<b>Rafal Bialek</b>
<b>18:10-18:30</b>	“Screening of electricity producing profile of various photosynthetic microorganisms.”	<b>Bilge Hilal Cadirci</b>

**Wednesday October 23<sup>rd</sup>: Biosensor manufacture**

<b>9:00-11:00</b>	“Introduction and overview of biosensors”	<b>Ismael Hakki (invited)</b>
<b>11:00-11:30 Coffee break</b>		
<b>11:30-13:30</b>	“Photosynthesis based biosensor”	<b>E. Touloupakis (invited)</b>
<b>13:30-15:30 Lunch Break</b>		
<b>15:30-16:30</b>	“Monolithic silicon interferometric optoelectronic platform for label-free multi-analyte biosensing applications”	<b>Ioannis Raptis (invited)</b>
<b>16:30-16:50</b>	“Photocurrent generated by photosynthetic reaction center/carbon nanotube/ito bio-nanocomposite”	<b>Tibor Szabó</b>
<b>16:50-17:10</b>	“A new thiol-coated interface for the development of an aptasensor for lysozyme”	<b>Iuliana Mihai</b>
<b>17:10-17:30</b>	“Challenges in the development of an electrochemical (bio)sensor for allergen proteins detection”	<b>Alis Vezeanu</b>
<b>17:30-18:30 Poster Session</b>		

**Thursday October 24<sup>th</sup>: Biosensors characterisation**

<b>9:00-11:00</b>	“Characterising biosensors and biosolar cells as photovoltaic devices”	<b>Raoul Frese (invited)</b>
<b>11:00-11:30 Coffee break</b>		
<b>11:30-13:30</b>	“Electron transfer in biophotoelectrochemical devices”	<b>Nicolas Plumere (invited)</b>
<b>13:30-15:30 Lunch Break</b>		

<b>15:30-15:50</b>	“Full automation of a rapid screening test for early warning measurement of phytotoxicity in water samples based on photosynthetic algae”	<b>Annalisa Tortelli</b>
<b>15:50-16:10</b>	“Detection of harmful residues in honey using terahertz time-domain spectroscopy”	<b>Maria Massaouti</b>
<b>16:10-16:30</b>	“Sensitivity of a new 1,8-naphthalimide cation sensor as function of PET blocking and complex binding constant”	<b>Stanislava Yordanova</b>
<b>16:30-16:50</b>	“A polyphenol biosensor realized by laser printing technology”	<b>Marianneza Chatzipetrou</b>

**Friday October 25<sup>th</sup>: Biomediators *immobilisation processes for biosensors***

<b>9:00-10:00</b>	“Laser printing and immobilization of biomolecules”	<b>Ioanna Zergioti (invited)</b>
<b>10:00-10:30</b>	Marie Curie IAPP action “Laser Digital Micro-Nano fabrication for Organic Electronics and Sensor applications”	<b><u>Ioanna Zergioti</u>, D. Karnakis, Ph. Delaporte</b>
<b>10:30-11:00 Coffee Break</b>		
<b>11:00-12:00</b>	“Efficient immobilization of biomolecules on chemically and topographically modified substrates”	<b>Aggeliki Tserepi (invited)</b>