

## 5th Management Committee/Working Group Meeting and Workshop



**Thessaloniki, Greece**  
**September 24-25, 2015.**

## Venue: Piraeus Conference Center

**Katouni 12-14, Ladadika, 54625, Thessaloniki, Greece.**

Google-Maps-Link:

<https://www.google.com/maps/place/Katouni+12,+Thessaloniki+546+25,+Greece/@40.6350022,22.9376306,17z/data=!3m1!4b1!4m2!3m1!1sox14a83909c76ac3d5:0xc83808c7a8f310fe>



The venue is located inside the traditional “Ladadika” area, at the city center.

# Workshop Schedule

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## September 24 (Thursday)

09:00—10:00	<b>Registration &amp; Coffee</b>
10:00—10:20	Welcome by Nuno Borges Carvalho and Antonis Dimitriou
10:20 – 14:20	<b>WG3 Session: Novel Materials and Technologies</b> (Chair: Prof. John Sahalos)
10:20 – 11:00	<b>Keynote by Prof. Anastasis Polycarpou,</b> <i>“Use of Liquid Crystals as Tunable Materials in Electromagnetics, Antenna, and Sensor Technology”.</i>
11:00 – 11:20	<u>G. Andia-Vera</u> , Y. Duroc and S. Tedjini, <i>“Cooperative Harvesting”.</i>
11:20 – 11:40	Evmorfili Andreou, I. Fidanis and <u>K. Siakavara</u> , <i>“Microwave Electromagnetic Energy Harvesting by Specifically Designed EBG Systems”.</i>
11:40 – 12:00	<u>Zbynek Raida</u> , <i>“Novel textile materials for WPT in vehicles”</i>
12:00 – 14:00	<b>Lunch Break at local restaurant “Elia Lemoni”</b>
14:00 – 14:20	<u>Theodoros Kaifas</u> , E. Vafiadis, G. Kyriakou, and J. Sahalos, <i>“Electromagnetic Power Harvesting via Metamaterial Type Antennas Employing Characteristic Mode Theory”</i>
14:20 – 17:00	<b>WG4 Session: Applications</b> (Chair: Luca Roselli)

14:20 – 15:00	<b>Keynote by Konstantinos Elmasides,</b> <i>“Energy Storage Technologies in Greek Research and Industry”.</i>
15:00 – 15:30	<b>Coffee Break</b>
15:30 – 15:40	WG4 Leader Presentation by Luca Roselli
15:40 – 16:00	<u>Aggelos Bletsas</u> , <i>“Reinventing Wireless with Scatter Radio for the Internet of Vegetables”</i>
16:00 – 16:20	<u>Sotiris Nikolettseas</u> and Theofanis P. Raptis, <i>“WPT Algorithms and Applications in IoT Systems”</i>
16:20 – 16:40	<u>Ioan Plotog</u> , <i>“ELF magnetic field generator for biological applications”</i>
16:40 – 17:00	Anastasis Polycarpou, T. Samaras, A. Bletsas, A. Dimitriou, and <u>John Sahalos</u> , <i>“Development of an Intelligent Library Management System using RFID Technology”</i>
18:00 – 19:00	<b>Bus Tour around Historical City Centre</b> <b>(Start/Finish: White Tower of Thessaloniki)</b>
19:30	<b>Official Dinner at the city’s water-front “Macedonia Palace Hotel” (Cloud Level – 9<sup>th</sup> floor)</b>

## September 25 (Friday)

09:00—10:10

### WG2 Session: Near-Field WPT Systems

(Chair: Jan Kracek)

09:00 – 09:10

WG2 Leader Presentation by Jan Kracek

09:10 – 09:30

Jan Kracek , “*Implantable Inductively Powered RFID Tag*”

09:30 – 09:50

X. Mitsalass, T. Kaifas, J. Sahalos, and George Kyriacou , “*Wireless Power Transmission In and Out of the Human Body Through Leaky Waves*”

09:50 – 10:10

Ioan Plotog , “*Awards of Resonant Structures for Non-Invasive Medical Uses*”

10:10 – 11:10

### Coffee Break / Student Contest Poster Session

Panos N. Alevizos, “*Fully Customizable SDR Readers for Scatter Radio Networks*”

Spyridon-Nektarios Daskalakis, “*Soil Moisture Wireless Sensor Network with Analog Scatter Radio, Low Power, Ultra-Low Cost, and Low Complexity*”

Charalambos Oikonomou, “*Design and Construction of a Wideband UHF Rectenna*”

Posters

Massimo Del Prete, “*Energy-autonomous Bi-directional Wireless Power Transmission (WPT) and Energy Harvesting Circuit*”

Ricardo Dias Fernandes, “*Constructive combination of resonant magnetic coupling and resonant electrical coupling*”

Przemyslaw Kant, “*Intelligent Transmitter for Spatial WPT*”

Alex Pacini, “ ”

11:10 – 12:00

### WG5 Session: Regulation and Society Impact

(Chair: John Sahalos)

11:10 – 11:50

### Keynote by Prof. Theodoros Samaras

“*Compliance of WPT systems with human exposure guidelines using numerical dosimetry*”



11:50 – 12:00	<b>Ceremony Student Paper Contest and Closing Ceremony</b>
12:00 – 14:00	<b>Lunch Break at local restaurant “Elia Lemoni”</b>
14:00 – 16:00	MC Meeting

Dinner Venue: **Makedonia Palace (9<sup>th</sup> floor)**

Google Maps link:

<https://www.google.com/maps/place/Makedonia+Palace+Hotel/@40.618342,22.952992,17z/data=!3m1!4b1!4m2!3m1!1s0x14a8391e07b9e837:0xe90875ead e4f6b07>



## Accommodation

The following 4 hotels have offered us a special rate. For the following recommended hotels, the keyword for reservation is “COST-WIPE”

**Special prices are per night per room including breakfast and VAT**

Hotel	Single	Double
<b>City Hotel Thessaloniki (Center)</b> <a href="http://www.cityhotel.gr/">http://www.cityhotel.gr/</a> <a href="#">Google Maps Link</a> <a href="#">Walking Directions Venue-Link</a> 10 rooms are guaranteed for reservations until 21/08/2015 American buffet breakfast included + WiFi + free Gym and hammam Cancellation policy: for 15 to 5 days prior to arrival one night is charged 4 days prior to arrival or non-show all booking is charged. IBAN account: IBAN GR2301407000 700002320002678 contact: reservations@cityhotel.gr	70 EUROS for single use (internal view) 80 Euros for single use (street view)	80 Euros for double use (internal view) 90Euros for double use (street view)
<b>Mediterranean Palace Hotel</b> <a href="http://www.mediterranean-palace.gr/">http://www.mediterranean-palace.gr/</a> <a href="#">Google Maps Link</a> <a href="#">Walking Directions Venue-Hotel</a> including WiFi, internal pool and Wellness Center 10 rooms are guaranteed until August 31 2015.	90 EUROS	100 EUROS
<b>Bristol Hotel</b> <a href="http://www.bristol.gr/">http://www.bristol.gr/</a> <a href="#">Google Maps Link</a> <a href="#">Walking Direction Venue-Hotel</a> Rooms are given upon request	105 EUROS	110 EUROS
<b>Park Hotel</b> <a href="http://www.parkhotel.com.gr/index_en.html">http://www.parkhotel.com.gr/index_en.html</a> <a href="#">Google Maps Link</a> <a href="#">Walking Directions Venue-Link</a>	46 EUROS	52 EUROS

# Tourist Information

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## How to Reach “Piraeus Bank Conference Center”

Google maps

<https://www.google.com/maps/place/Katouni+12,+Thessaloniki+546+25,+Greece/@40.6350022,22.9376306,17z/data=!3m1!4b1!4m2!3m1!1sox14a83909c76ac3d5:0xc83808c7a8f310fe>

## Thessaloniki Airport: International Airport 'Makedonia' (SKG)

### From the airport to the city center:

Take bus 78 and get off at stop “Platia Aristotelous” (means “Aristotle’s Square”). Then you will need to walk (~10 mins) to your hotel (you must have a map). The ticket cost 2Euros.

Link: <http://oasth.gr/#en/routeinfo/list/61/12/73/>

Fares: <http://oasth.gr/#en/fares/>

Taxi is recommended (~25Euros) (20-30 minutes, depending on traffic).

### From the city center to the airport

You could take the bus 78A, which is more convenient as it stops at “Venizelou” stop, close to “Ladadika”.

Again, however, taxi is recommended (~25Euros).

## Public transport search:

<http://oasth.gr/#en>

## Tickets price:

Single ticket: EUR 1,00

Fares: <http://oasth.gr/#en/fares/>

## Taxi

There are several companies and one can always find a taxi without booking. If needed, we recommend “Radio Taxi Mercedes Thessaloniki”:

Phone: +30 2310525000



<http://www.radiotaximercedes.gr/index1.htm>

## **Rail**

<https://tickets.trainose.gr/dromologia/>

## **Useful Information**

### **Shops**

Monday to Saturday (except from Wednesday afternoon):

08:00 – 15:00, 17:00-21:00.

Some shops stay open all-day long until 21:00.

### **Electricity**

The main supply is 220Volts.

### **Weather**

Temperature (avg. September): 21°C (low 15°C, high 27°C)

# Recommended walks in Thessaloniki:

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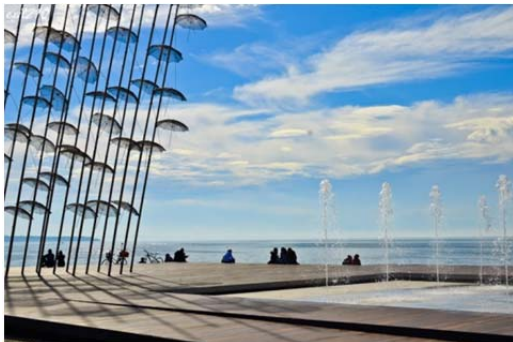
## 1. Walk at the beachfront, especially at the sunset.

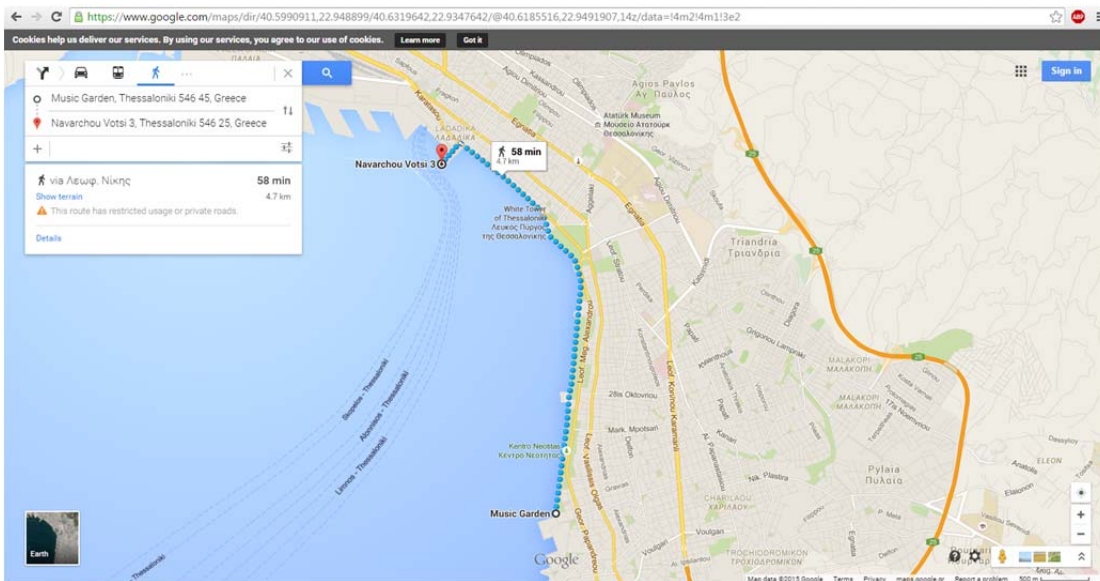
You can start from the harbor (opposite “Ladadika region” – where the workshop is held).

Everybody loves a walk at the Thessaloniki seaside! It is the city's pride and a method of finding your way when lost (every local knows that "if you take any road downhill you will eventually be at the sea!"). The Thessaloniki seaside is divided in two parts:

- The Old Seaside (Paliá Paralía) is the part from the port to the White Tower and was constructed by demolishing the sea wall in 1866-1870 by the Suez Canal Company.
- The New Seaside (Néa Paralía) is the part from the White Tower to the Concert Hall and was constructed in the 1960s.

Instead of walking, you can discover Thessaloniki from another perspective and tour the city and its most important sightseeing by bike (<http://www.thessbike.gr/en/>). However, make sure you have been informed from the “thessbike” rental company, of the bike availability at the harbor parking station. (bicycle station “ΛΙΜΑΝΙ ΘΕΣΣΑΛΟΝΙΚΗΣ – Limani Thessalonikis” in their site).





Google\_map\_link:

<https://www.google.com/maps/dir/40.5990911,22.948899/40.6319642,22.9347642/@40.6185516,2.9491907,14z/data=!4m2!4m1!3e2>

## 2. Wander around the city centre:

Just a few blocks away from Aristotelous square lies the roman heart of the ancient city, the Roman Forum, also known as “Ancient Agora”. At the top of the Ancient Agoras Sq. you will see the basilica of Aghios Dimitrios, the patron saint of the city. By visiting the basilica you will be able to see the old, destroyed parts of the church embedded in the modern reconstruction. Before 14:00 you may also visit the crypt, the place of Aghios Dimitrios’ martyrdom.

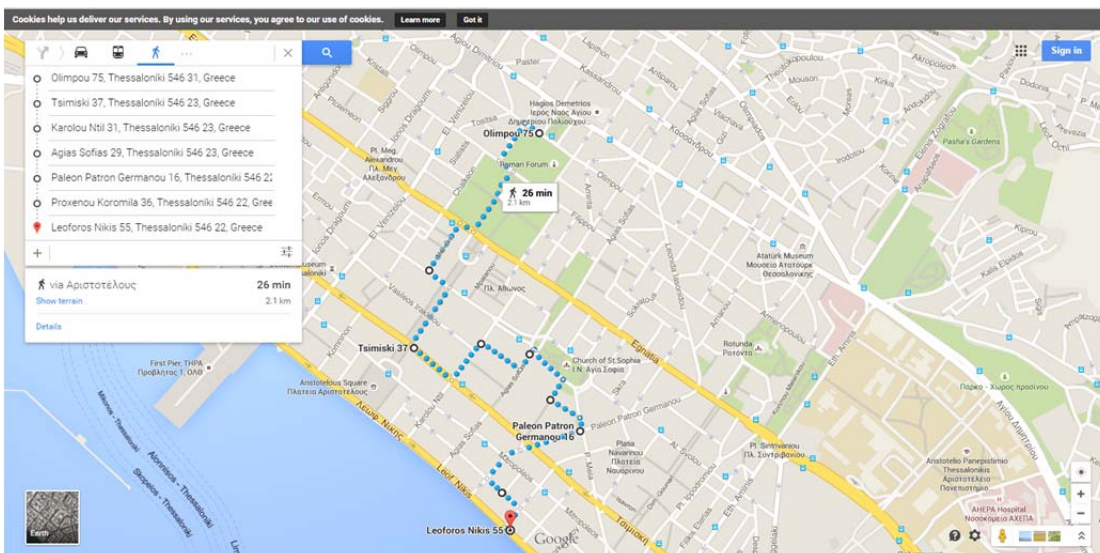
Walk downhill until you reach “Ermou str.”, you should visit the most famous covered market, known as the Stoa Modiano (Modiano Bazaar). A traditional market of meat, fish (at the opposite side of the street), cheese, spices and more flavors. Also you will find some traditional “ouzeri” (restaurant/tavern).







After visiting the market, continue to “Aristotelous Square” and turn left on Tsimiski street. You can find all major brands on this street. You can turn left on “Agias Sofias” pedestrian street. At the end of the pedestrian-street, on your right hand, is the big homonymous Byzantine church. The big church used to be the cathedral of the city in Byzantine times. Then turn right again on “Iktinou” pedestrian street and left on “Zefixidos”, where you can enjoy your coffee at a lively spot (“Local Cafe” is recommended, also offers light meals). Then you can walk down to “Leoforos Nikis str” (beach) passing through Proxenu Koromila (expensive shops).



Google maps link:

<https://www.google.com/maps/dir/40.6383118,22.9459704/40.6332671,22.9420784/40.6333618,22.9441676/40.6331176,22.9456804/40.631307,22.9472412/40.6298607,22.944822/40.6289731,22.9450688/@40.6347175,22.9465494,16z/data=!4m24!4m23!1m5!3m4!1m2!1d22.9425495!2d40.6350884!3sox14a839a81be09b9f:ox5dabfecaa6e134fo!1mo!1mo!1m5!3m4!1m2!1d22.946396!2d40.6319>

[982!3sox14a839072788bddb:ox136eb3ecf46e5dc1!1m5!3m4!1m2!1d22.944824!2d40.6298624!3sox14a839067f0086f7:oxe4c591b6082cd0dc!1mo!1mo!3e2](http://982!3sox14a839072788bddb:ox136eb3ecf46e5dc1!1m5!3m4!1m2!1d22.944824!2d40.6298624!3sox14a839067f0086f7:oxe4c591b6082cd0dc!1mo!1mo!3e2)

### 3. Walking down from the castle towards the city centre.

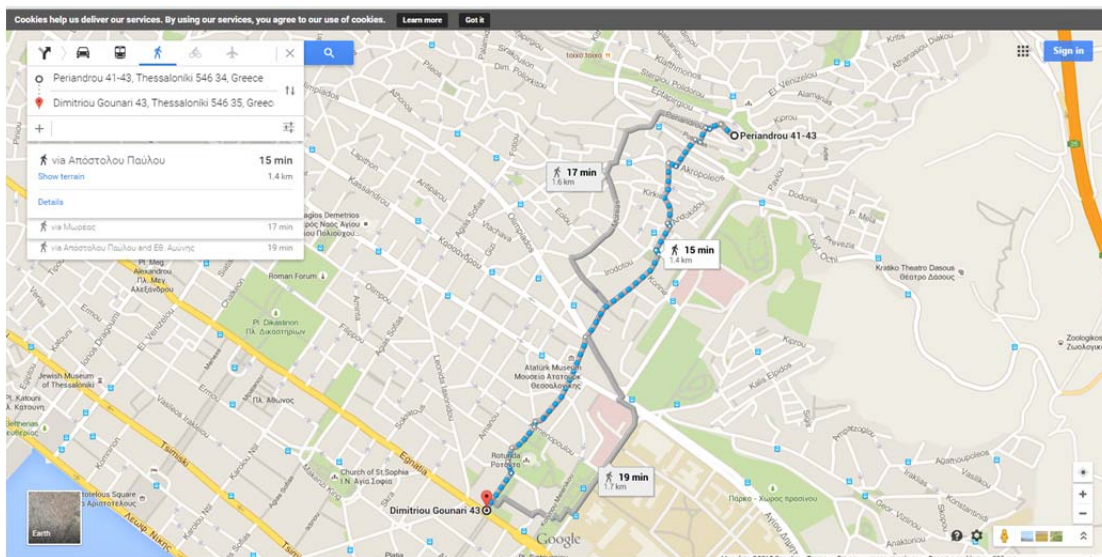
Take the bus (number 23 from “Platia Eleftherias” next to Ladadika region and request to be notified to get off at stop “Platanos” then walk 100m until the castle -

<http://oasth.gr/#en/routeinfo/list/88/42/1/> ) or take a taxi to take you at the castles (via “Eptapirgiou str”). There you can enjoy a unique view of the city. Then you can start walking towards the center (towards the sea) passing through the city’s old-town (named “Ano Poli”, means “Upper Town”).

As you walk down, 50m before Egnatia street, you shouldn’t miss Rotonda – a huge cylindrical Roman building and Kamara (“Arch”). Kamara is a typical Thessaloniki’s meeting point, due to its central location and the fact that Egnatia St. is served by many buses – most people after they meet they walk downhill to the seaside using the quite pleasant and pedestrianised Dimitriou Gounari Street.







Google maps link:

<https://www.google.com/maps/dir/40.6408806,22.9591987/40.6320713,22.9515168/@40.6373391,22.9537914,16z/data=!4m2!4m1!3e2>

#### 4. **Alternative choices: Take a boat trip around “Thermaikos” gulf.**

There are three boats that wander around the gulf (in front of the city) for a 30mins tour. They depart every 2 hours near the “White Tower” (“Lefkos Pyrgos”). You don’t pay a ticket. You simply pay your coffee or drink.

#### 5. **Alternative choices: Take the cultural route.**

There is a special bus that takes you on a 50 minute route around the city centre (ticket is 2 Euros) and passes in front of several cultural spots. I think you can descent any place you like and then take the next similar bus to continue. More info is available at <http://oasth.gr/#en/cultural-route/>.

A guide to Thessaloniki can be found in the following link:

<http://www.enjoythessaloniki.com/>

There are numerous places to eat and drink. Most of them are gathered in three areas, very close to the workshop’s venue: “Ladadika”, “Valaoritou” and “Seafront”.

Finally, the city is only 1 hour away from Halkidiki, where you can enjoy summer-vacations (depending on the weather which is typically good on September).

