

International Radiation Symposium

IRS2020

Thessaloniki
Greece



Thessaloniki
Concert Hall
Convention
and Cultural Center

Proposed Dates
6-10 July, 2020





Thessaloniki...a city than never sleeps...



National Geographic included Thessaloniki in its top tourist destinations worldwide, 2013
The New York Times included Thessaloniki in the TOP 52 destinations of 2016 and one of the top destinations for gastronomy extraordinary tours
Lonely Planet ranked Thessaloniki as the world's fifth-best party city worldwide, 2012
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Symposium Location

Thessaloniki is Greece's second major economic, industrial, commercial and political centre; it is a major transportation hub for Greece and southeastern Europe, notably through the Port of Thessaloniki. The city is renowned for its festivals, events and vibrant cultural life in general, and is considered to be Greece's cultural capital.

Events such as the Thessaloniki International Trade Fair and the Thessaloniki International Film Festival are held annually, while the city also hosts the largest bi-annual meeting of the Greek diaspora.

Thessaloniki was the 2014 European Youth Capital.

It is said that the great philosopher Aristotle loved the honey of Halkidiki, and you too will love the land and the rich produce of its gardens and orchards. The region is formed of three peninsulas or "feet", each with its own unique charm, history and magic. There is Kassandra, scene of the Battle of the Giants in ancient mythology; Sithonia, a magical place of green forest and blue sea; and Mt. Athos, the world's only monastic state, home to twenty historic monasteries. Truly a place of dreams, and you dream has only just begun...



Getting to Thessaloniki



Enjoying a strategic position in Greece and Europe, Thessaloniki is easily accessible by all means of transport. The city has an International Airport (Macedonia International Airport by IATA code SKG), Railway station, Harbor, Intercity Bus Station and is connected to the rest of Greece and neighboring countries through national and international highways. Plane, train, bus, car or cruise ship, see how you can get to Thessaloniki and choose the best option for you.



International Airport "Makedonia" of Thessaloniki SKG



42 airlines fly to 121 destinations in more than 30 countries from the **Makedonia International Airport** in Thessaloniki. The Airport operates with frequent connections to most Greek cities and islands, since 1930 serving over 2.5 million passengers per year.



Thessaloniki International Direct Flight Connections

Central Europe: Amsterdam, Berlin, Bremen, Cologne, Düsseldorf, Frankfurt, Freiburg, Hamburg, Hannover, Karlsruhe, Munich, Nuremberg, Stuttgart, Vienna, Zürich, Geneva, Basel, Paris, Nice, Brussels, Bari, Rome, Milan, Bergamo, Pisa, Verona, Barcelona

United Kingdom: London, Manchester, Newcastle

Scandinavia: Copenhagen, Oslo, Riga, Stockholm,

Balkans & Eastern Europe: Belgrade, Bratislava, Kosice, Bucharest, Budapest, Brno, Warsaw, Pyrzowice, Istanbul, Izmir, Moscow, Krasnodar, Tolyatti, Tatarstan, St. Petersburg, Stavropol, Rostov, Yekaterinburg, Volgograd, Minsk, Ostrava, Odessa, Prague, Tirana,, Kazan, Yerevan, Kiev, Tbilisi, Kutaisi, Almaty, Astana

Israel & Cyprus: Tel Aviv, Larnaca, Paphos



Airlines operating at the airport:

- | | |
|-------------------|--------------------|
| ▶ Aegean Airlines | ▶ Rossiya |
| ▶ Adria Airways | ▶ Ryanair |
| ▶ Aeroflot | ▶ SAS |
| ▶ Astra | ▶ Sky Express |
| ▶ Belavia | ▶ Swiss Air |
| ▶ Blue Air | ▶ Taron |
| ▶ Cobalt | ▶ Transavia |
| ▶ Condor | ▶ Turkish Airlines |
| ▶ Easyjet | ▶ Ural |
| ▶ Niki | ▶ Utair |
| ▶ Norwegian | ▶ Vueling |
| ▶ Olympic Air | ▶ Wizz Air |

About the city

Transportation within the city

Public Transportation



The only choice for public transportation in Thessaloniki is by public buses. There is a dense network of bus lines connecting most parts of the city and suburbs. The bus line that connects the airport to the domestic bus (KTEL) terminal is the express 78 line. All buses are run by OASTH. Ticket cost is 1 Euro when bought from the kiosks, or 1.1 Euros when bought from vending machines on board the buses and it has to be validated in one of the special machines found on all buses. Tickets for the 78 airport line bus cost 2 Euros. All buses are air conditioned and many are suitable for handicapped people. In order to reach some destinations, one may have to combine two or three buses. The ticket is valid for 70 minutes after its validation and it does not need to be validated again in subsequent buses. The following types of tickets are also available: 24-hour ticket, 7-day ticket. These tickets allow for unlimited boardings during the time specified. Students pay half the price for tickets, as long as they are holders of a valid student card. Information on routes, schedules, etc. are given at the Information Centre: call 185 daily, 07:00-22:00, as well as on www.oasth.gr.

Taxis



Taxis are available throughout the city, 24 hours a day. Along the main city streets taxis can be hailed only in designated places, easily identified by the "TAXI" sign. In all other streets, taxis will stop when hailed everywhere.

Greece's "Co-Capital" is a thriving, cosmopolitan port on the Thermaic Gulf and the gateway to spectacular northern Greece. Built on the waters of the Aegean Sea, Thessaloniki is renowned for its multicultural tapestry of unique neighborhoods, its archeological sites, its cuisine and its vibrant cultural life.

The city has recently hosted a large number of International Conferences in various disciplines. It has all the necessary infrastructures needed to host meetings of several thousands of participants. Additionally, it is able to provide very affordable prices in all respects, which are considerably lower than in most other equivalent European cities.

City's landmarks

- The 'White Tower', the symbol of the city.
- The Roman Monuments dating back to the 4th century
- The Museum of Byzantine Culture
- The Archaeological Museum of Thessaloniki
- The picturesque 'Ladadika' and 'AnoPoli' district

Activities & Excursions

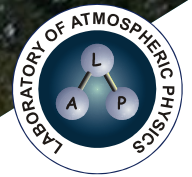
- Visit the numerous Byzantine churches (UNESCO World Heritage Monuments).
- Visit the Monastery Republic of Mount Athos.
- Visit Vergina
- Visit the province of Halkidiki (picturesque villages, amazing beaches).
- Taste the local gastronomy and local wines.
- Enjoy Shopping,
- Experience city's 'Nightlife'.





Proposal

Thessaloniki offers excellent opportunities for a very attractive Symposium. It is a vivid city with 2300 years of history, with large educational and research establishments. It offers many cultural opportunities in the metropolitan area, in the suburbs, and in the region of Central Macedonia. Moreover, it is suitably located for short escapes for swimming at the magnificent beaches of Halkidiki. Thessaloniki is easily accessible by direct flights from many European cities and by road from the neighboring countries. It offers a modern Conference Center located at the seafront and equipped with all necessary facilities. Hotel prices are very competitive for all categories and are generally below the average of major European cities. In short, it is a very promising case for hosting the IRS 2010.



ΑΡΙΣΤΟΤΕΛΕΙΟ
ΠΑΝΕΠΙΣΤΗΜΙΟ
ΘΕΣΣΑΛΟΝΙΚΗΣ

Why Hosting IRS2020 in Thessaloniki

The Aristotle University of Thessaloniki (AUTH) is the largest in Greece, with about 75,000 students (undergraduate, post graduate and doctoral) and about 2,500 faculty members and academic staff. It comprises 10 faculties which consist of 40 Schools and 1 single-School Faculty. Radiation is included in the education and research curricula of several Schools, such as Physics, Geology, Chemistry, Informatics, the Faculty of Agriculture, Forestry and Natural Environment, the Faculty of Engineering, the School of Medicine and the School of visual and applied arts.

In addition to AUTH Thessaloniki hosts also the Centre for Research and Technology-Hellas (CERTH), one of the leading research centres in Greece, and the recently established Centre for Interdisciplinary Research and Innovation (CIRI) which is closely associated to AUTH. These Research Centers are also active in research areas that are relevant to the topics of IRS, such as, remote sensing UV radiation, radiative forcing, weather and climate, solar energy, etc.

In addition to local scientists, many scientists from other Universities and Research

Centers of Greece are expected to participate in IRS 2020.

Finally, Thessaloniki is in close proximity to other countries, such as Serbia, Bulgaria, Romania, Turkey, Albania, FYROM, Croatia, Russia, Ukraine, Georgia, Israel, etc. Scientists from these countries are rarely attending the IRS conferences, but in the case of Thessaloniki they will be challenged to participate, as Thessaloniki is reachable within a few hours by road or air for relatively low cost. Hence, holding the IRS 2020 in Thessaloniki will help boosting participation from a broad spectrum of countries, including of course European Union countries and those from overseas.

Besides scientists, Thessaloniki is economically affordable for university students from Greece and all neighboring countries who can benefit from low-fare transportation and reasonably-priced accommodation.

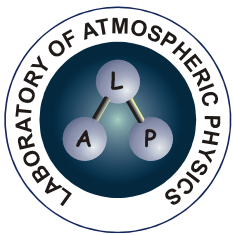
The city of Thessaloniki is hosting regularly large international conferences, both scientific and commercial, and has gradually developed high-quality conference facilities and accommodation spanning from luxury hotels to low-cost, small-sized, hotels of very good quality.

Organization of IRS2020

IRS 2020 will be organized by the Laboratory of Atmospheric Physics (LAP), School of Physics, AUTH.

LAP has long experience in organization of conferences, workshops and schools, on atmospheric sciences. Examples include: the Quadrennial Ozone Symposia (1984 and 2004) supervised by the former Head of LAP, Prof C.S. Zerefos, the International Laser radar conference, Porto Heli, (2012), co-supervised by Prof. A. Papayiannis and Prof. A. Balis, the European Lidar Conference (2018) supervised by prof. D. Balis, and the Conference on Meteorology, Climatology and Atmospheric Physics, (2016).

Local Organizing Committee



Chair: ▶ **Prof. Alkiviadis Bais**

He has more than 35 years of research and academic experience in solar UV radiation and atmospheric remote sensing, and is member of the IRC since 2013. He is the Head of LAP since 2002 and since 2017 the Head of the School of Physics.

Members: ▶ **Prof. Dimitrios Balis**

His research work is focused on validation of satellite products against ground based instruments through ESA and UMETSAT projects, as well as on lidar remote sensing of aerosols. He has been actively involved in organization of international conferences.

▶ **Assoc. Prof. Kleareti Tourpali**

Her research is focused on stratospheric ozone variability, climate, and solar activity, as well as, on their interactions.

▶ **Assist. Prof. Charikleia Meleti**

She has long experience in radiation measurements by broadband and spectral instruments.



Budget

ESTIMATED INCOME				
REGISTRATION FEES	Fee €	Participants	TOTAL €	TOTAL \$US
Regular Early Bird	420	200	84,000	98,824
Regular Late	480	80	38,400	45,176
Students Early Bird	210	90	18,900	22,235
Students Late	240	30	7,200	8,471
Abstract submission fee	40	400	16,000	18,824
Accompanying persons	80	80	6,400	7,529
Company Representative	1,000	5	5,000	5,882
SPONSORS				
Local & Regional			5,000	5,882
National			12,000	14,118
International			15,000	17,647
TOTAL INCOME			207,900	244,588

Included in registration fee	Participants	Accompanying persons
Admission to conference sessions	X	
Conference material	X	
Coffee breaks & Lunches	X	
Welcome reception	X	X
Banquet	X	X

ESTIMATED OUTCOME		
TYPE OF EXPENSES	TOTAL €	TOTAL \$US
Rental of conference hall	37,000	43,529
Organization & secretarial support	26,000	30,588
Travel support of invited participants	5,000	5,882
Welcome reception & banquet (400 pax)	25,000	29,412
Coffee breaks (2/day) & light lunches	42,000	49,412
Conference material (bags, badges, stationary)	7,000	8,235
Publication of proceedings	6,000	7,059
Web site	3,000	3,529
IRC Awards	4,000	4,706
IRC Business Meeting incl. dinner	3,000	3,529
Bank & credit-card expenses	3,000	3,529
Unexpected	3,000	3,529
VAT (24%)	38,640	45,459
TOTAL OUTCOME		199,640 234,871

BALANCE
8,260 € 9,718\$US

Letters of Support

Research Center for Atmospheric Physics and Climatology of the Academy of Athens

Head, Professor Christos Zerefos

Athens, 8 June 2018

International Radiation Commission
c/o Dept. of Atmospheric Science
Universidade de Sao Paulo
Institute of Astronomy
CEP 05508-090
Sao Paulo
Brazil

To the attention of the International Radiation Commission

Dear members of the Commission,

On behalf of the Academy of Athens, I am delighted to support the bid to host the next International Radiation Symposium of 2020 in Thessaloniki Greece. I believe the symposium will be a very good forum for exchanging ideas and knowledge in the field of atmospheric radiation. The Research Center of Atmospheric Physics and Climatology of the Academy of Athens has a long history in weather and climate research, including observations of solar ultraviolet radiation the ozone layer and interactions of UV radiation and health.

The Academy of Athens is supporting the proposal of the Aristotle University of Thessaloniki. I am confident that if Thessaloniki is selected for hosting the IRS 2020 the Symposium will be listed among the most successful ones.

Yours sincerely,



Christos Zerefos, academician
Honorary Member, International Ozone Commission

ΕΛΛΗΝΙΚΗ
ΔΗΜΟΚΡΑΤΙΑ



ΑΡΙΣΤΟΤΕΛΕΙΟ

ΠΑΝΕΠΙΣΤΗΜΙΟ
ΘΕΣΣΑΛΟΝΙΚΗΣ

ΣΧΟΛΗ ΘΕΤΙΚΩΝ ΕΠΙΣΤΗΜΩΝ
ΚΟΣΜΗΤΕΙΑ

Γραμματέας: Ε. Ραφτοπούλου

Πληροφορίες: Ι.

Παπαδόπουλος

Τηλ.: 2310-998072

Fax: 2310-998022

e-mail: info@sci.auth.gr

Γραμματειών της

Κτίριο Σχολής Θετικών

Επιστημών

Θεσσαλονίκη, 08-06-2018

Αριθμ. Πρωτ.: 1106



International Radiation Commission
c/o Dept. of Atmospheric Science
Universidade de Sao Paulo
Institute of Astronomy
CEP 05508-090
Sao Paulo
Brazil

To the attention of the International Radiation Commission

On behalf of the Faculty of Sciences of the Aristotle University of Thessaloniki, I am excited with the opportunity to host in Thessaloniki the International Radiation Symposium in 2020. In at least three of the Schools of the Faculty, i.e., Physics, Geology, and Biology, scientists are active in research related to the thematic of the IRS, and particularly in ground-based and satellite remote sensing, atmospheric radiation, and climate. I am confident that this conference will give the opportunity to scientists, students, and researchers of the Faculty to present their scientific work and to interact with colleagues from other countries.

Four members of the Organizing Committee are members of the Faculty of Sciences and internationally recognized scientists, with experience in organization of conferences and related events. The Faculty is proudly supporting the efforts of the Organizing Committee to bring the IRS 2020 in Thessaloniki.

I wish good luck to my colleagues in their bid for hosting the IRS 2020 in Thessaloniki and I am looking forward to welcoming the participants of IRS 2020, if the bid is successful.

Yours sincerely,
Prof. Chariton-Sarl Chintiroglou

Chariton-Sarl
Chintiroglou

Digitally signed by Chariton-Sarl Chintiroglou
DN: c=GR, l=Thessaloniki, o=Aristotle
University of Thessaloniki, ou=School of
Biology, ou=Class A - Private Key created and
stored in hardware CSP,
serialNumber=5176696982, cn=Chariton-Sarl
Chintiroglou, email=chintigl@bio.auth.gr
Date: 2018.06.08 11:59:10 +03'00'

Dean, Faculty of Sciences



Venue description, capacity

Thessaloniki Concert Hall Convention and Cultural Center

Inaugurated on 2nd January 2000, this contemporary cultural and conference center meets the highest international standards ideally designed to host a wide variety of events such as concerts, ballet, theatre and opera, cultural and art expositions and conferences. The complex consists of two main

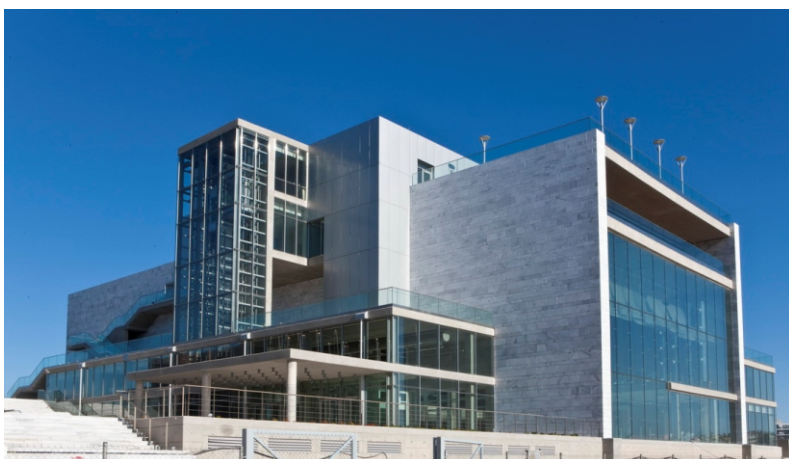
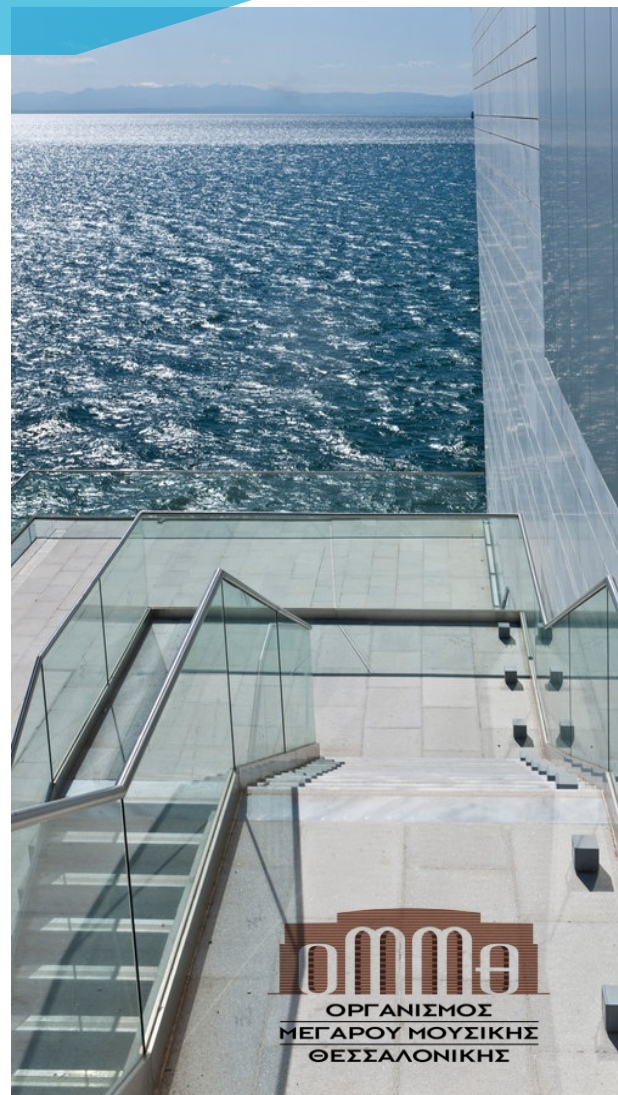
buildings:

M1, with a 1,500-capacity auditorium;
and M2, is ideal for hosting
conventions/congresses of more than 2,000
participants particularly due to the availability of a range of facilities for multi-presentation such as the contemporary audiovisual equipment and the provision of additional spaces for parallel events.



The hall is functionally designed to accommodate the needs of the handicapped and a parking lot is provided.

The center has successfully held conferences, meetings, lectures, presentations, exhibitions and receptions.



Conference rooms at M2 Building

Designed by the renowned architect Arata Isozaki, the M2 (building 2) adorns the city with a unique construction that epitomizes the virtues of modern architecture.

Geometrical lines, extended glass surfaces and elements of steel compose an image of imposing simplicity that comes as an antithetic yet complement to its neighboring M1.

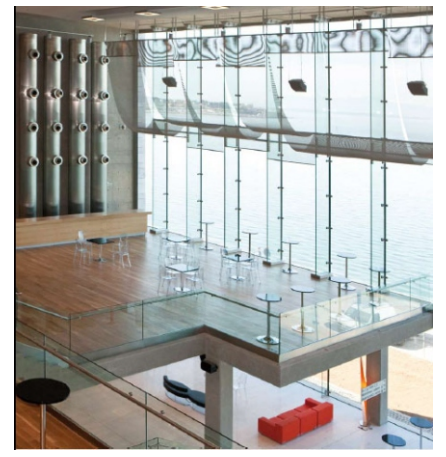
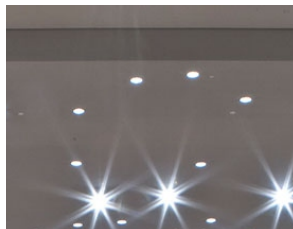
Trade shows and exhibitions find in M2's foyer the ultimate display environment. Its 1030 square meters can hold up to 30 or more display kiosks, depending on their size. The foyer's three different levels are visible from all locations and communicate by staircases and elevators, their arrangement enabling wandering around the space. Its faceted infrastructure can support demanding transformations, while the space adjoins the Hall's cafe, giving the opportunity to hold a buffet within the display area.

Emilios Riadis Amphitheatre - Capacity - 500 persons

10 Conference rooms for parallel sessions in three levels – Capacity from 30 to 200 persons



Foyer of M2



Emilios Riadis Amphitheatre M2



Accommodation

Thessaloniki offers a great variety of choices in accommodation to suit every budget, from luxury, 5 star international chains to local hotels and modest hostels. Inexpensive hotels and hostels in Thessaloniki offering good value for money and could accommodate, participants who wish to keep their budget low. On the other hand, for delegates who enjoy high end -luxurious accommodation Thessaloniki is the place to be. In 2014 Thessaloniki ranked second in the top 10 of the cheapest 5-star hotels.

3 Stars HOTELS



- ▶ Hotel ABC
- ▶ Hotel Luxembourg
- ▶ Metropolitan Hotel
- ▶ Queen Olga Hotel
- ▶ Tourist Hotel
- ▶ El Greco Hotel
- ▶ Le Palace Hotel
- ▶ Park Hotel
- ▶ Pella Hotel

Room Rate BB:
from approx. 50€



4Stars HOTELS



- ▶ ZalikiHotel
- ▶ Egnatia Palace Hotel
- ▶ City Hotel

Room Rate BB:
from approx. 75€

5 Stars HOTELS



- ▶ Excelsior Hotel
- ▶ The MET Hotel
- ▶ Makedonia Palace Hotel
- ▶ Mediterranean Hotel
- ▶ Porto Palace Hotel

Room Rate BB:
from approx. 100€



IRS2020

Planning and organization of **IRS2020** is assisted by our partner, NB Events.
NB Events is a premium congress organizer, specializing in high
quality events for international corporations, associations and universities.



PCO / ORGANIZING - ADMINISTRATIVE OFFICE CONGRESS SECRETARIAT

nbe
NB EVENTS
conference services

Secretariat
5, Adrianoupoleos str
55133 Thessaloniki, Greece
Tel. +302310223461
Email: info@nbevents.gr
www.nbevents.gr