

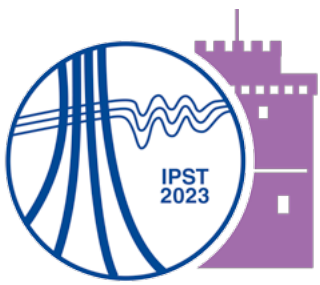
# International Conference on Power Systems Transients

Thessaloniki, Greece  
June 11th – 15th, 2023



# Welcome!

Grigoris K. Papagiannis  
Aristotle University of Thessaloniki  
LOC Chair



In the closing ceremony of the virtual IPST 2021 in Belo Horizonte, Brazil

Thessaloniki, Greece has been selected to host the IPST 2023 Conference

*International Conference on  
Power Systems Transients*  
June 07 - 10, 2021 - Belo Horizonte, Brazil



**Keep safe.....**

**See you in Greece !!!**

**2023** ARISTO

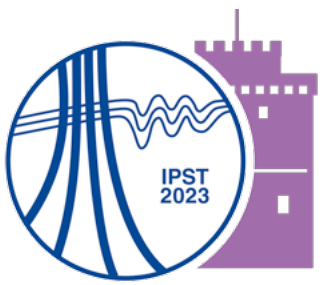


ARISTOTLE UNIVERSITY OF  
THESSALONIKI (AUTH)



ΔΗΜΟΚΡΙΤΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΡΑΚΗΣ  
DEMOCRITUS UNIVERSITY OF THRACE

To be organized by the Power System Laboratories of the School of Electrical & Computer Engineering of two major Northern Greece universities



# The IPST Conference legacy

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## Past IPST Conferences:

EPST 1993 in Lisbon, Portugal

IPST 1995 in Lisbon, Portugal

IPST 1997 in Seattle, USA

IPST 1999 in Budapest, Hungary

IPST 2001 in Rio de Janeiro, Brazil

IPST 2003 in New Orleans, USA

IPST 2005 in Montreal, Canada

IPST 2007 in Lyon, France

IPST 2009 in Kyoto, Japan

IPST 2011 in Delft, The Netherlands

IPST 2013 in Vancouver, Canada

IPST 2015 in Cavtat, Croatia

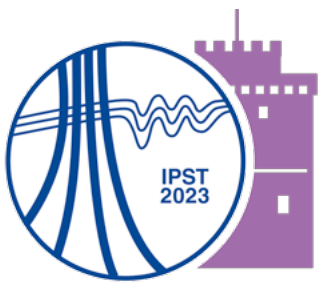
IPST 2017 in Seoul, Republic of Korea

IPST 2019 in Perpignan, France

IPST 2021 in Belo Horizonte, Brazil

And now

**IPST2023 in Thessaloniki, Greece**



# The IPST 2023 Conference in Thessaloniki

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## IPST Steering Committee:

Chairpersons: Prof. M. T. Correia de Barros (Portugal)

Prof. C. A. Nucci (Italy)

## IPST 2023 Technical Committee

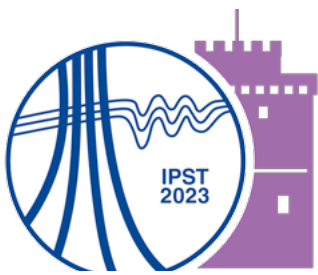
Chairpersons: Prof. Chul-Hwan Kim (Republic of Korea)

Dr Taku Noda (Japan)

## IPST 2023 Local Organising Committee

Chairpersons: Prof. Grigoris K. Papagiannis (AUTH)

Prof. Theofilos Papadopoulos (DUTH)



# The IPST 2023 Conference in Thessaloniki

## IPST 2023 Final Schedule

Time	Sunday June 11, 2023	Monday June 12, 2023	Tuesday June 13, 2023	Wednesday June 14, 2023	Thursday June 15, 2023
08:00 – 08:30		Authors/Chair Meeting (1A, 1B)	Authors/Chair Meeting (4A, 5A / 4B, 5B)	Authors/Chair Meeting (8A, 9A / 8B, 9B)	Authors/Chair Meeting (11A, 12A / 11B, 12B)
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		Lunch (Grand Pietra Hall)			
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15:45 – 16:00		Exhibition & Coffee Break (Grand Pietra Hall)			
16:00 – 17:20	Registration 15:00 - 19:00 (Grand Pietra Hall)	Technical Sessions (3A, 3B)	Technical Sessions (7A, 7B)	Visit to Vergina Archaeological site	
17:30 – 20:00		Thessaloniki Guided Tour		Visit to Gerovasileiou winery	
19.30	Welcome Reception (Minor Hall)		Banquet (Ktima Deda)		

Available in your booklet, in the IPST Conference website but also in

<https://www.conftool.net/ipst2023/sessions.php>

Online



As well as in the

application for smart phones

(just scan the barcode in the flip side of your badge!)

For WiFi please connect to HOTELPORTOPALACE network with password **2310504504**



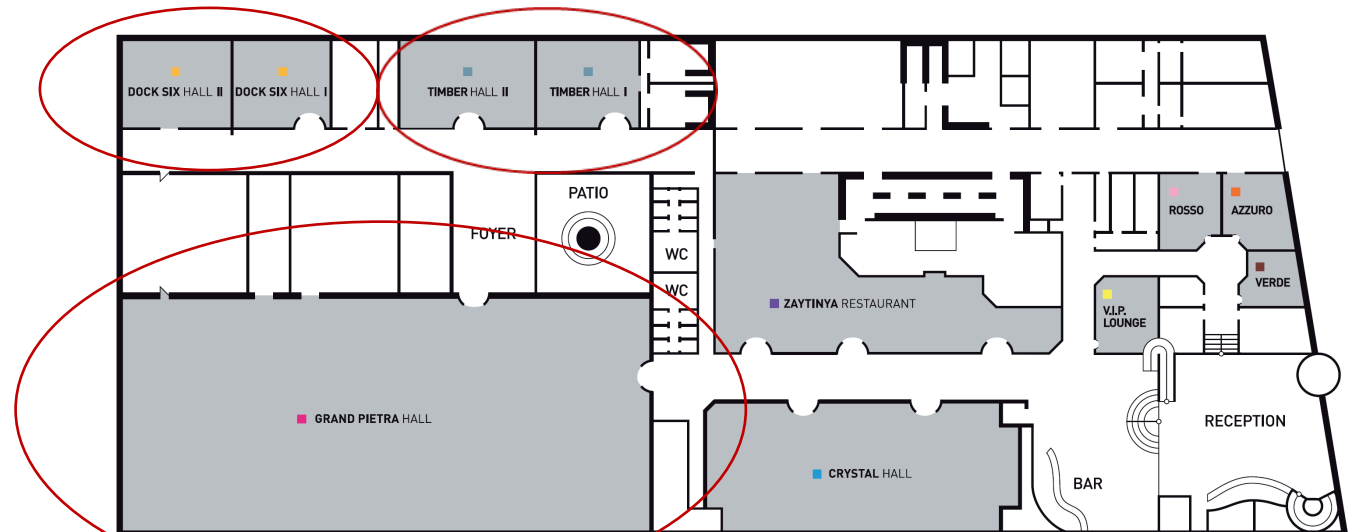
# The IPST 2023 Conference in Thessaloniki

Mon 12 <sup>th</sup>	10:45 – 12:45	1A	Transmission Lines and cables I	Sebastien Dennetiere	2, 48, 96, 117, 119, 122
		1B	Real-Time Simulators	Jean Mahseredjian	24, 40, 68, 73, 74, 80
	13:45 – 15:45	2A	Systems Dynamics I	Ilhan Kocar	3, 44, 66, 98, 135, 136
		2B	System Protection I	Pablo Gomez	4, 28, 59, 79, 106, 121
		2C	Power Electronics, FACTS, HVDC I	Hani Saad	9, 33, 49, 63, 81, 141
	16:00 – 17:20	3A	Transformers, Reactors, Inrush currents	Alain Xemard	14, 19, 42, 86
3B		Power Electronics, FACTS, HVDC II	Aniruddha M. Gole	58, 78, 99, 129	
Tue 13 <sup>th</sup>	08:30 – 10:30	4A	Systems Dynamics II	Simon Papenheim	10, 39, 51, 65, 108, 120
		4B	Power Electronics, FACTS, HVDC III	Shaahin Filizadeh	12, 22, 46, 50, 95, 138
	10:45 – 12:45	5A	Lightning Surges and Insulation Coordination I	Carlo Alberto Nucci	5, 16, 56, 87, 104, 134
		5B	Solution Methods and Algorithms I	Jeewantha de Silva	1, 7, 41, 77, 88, 133
	13:45 – 15:45	6A	Fault Transients & Temporary Overvoltages	Stephan Paek	36, 45, 54, 103, 125, 137
		6B	System Protection II	Tarlochan Sidhu	6, 31, 64, 90, 107, 116
16:00 – 17:20	7A	Renewable Energy Sources	Reza Iravani	26, 29, 113, 124	
	7B	Switching and Fault Transients I	Theofilos Papadopoulos	53, 71, 91, 112	
Wed 14 <sup>th</sup>	08:30 – 10:30	8A	Solution Methods and Algorithms II	Maria Teresa Barros	27, 69, 75, 85, 110, 111
		8B	System Protection III	Marjan Popov	20, 43, 83, 102, 118, 128
	10:45 – 12:45	9A	Switching and Fault Transients II	Maria Cristina Tavares	23, 30, 67, 84, 114, 115
		9B	Harmonics & Power Quality	Zia Emin	13, 15, 52, 76, 94, 139
13:45 – 15:45	10A	Solution Methods and Algorithms III	Antonio Carlos Lima	34, 62, 70, 72, 105, 140	
	10B	System Protection IV	Athula Rajapakse	8, 35, 55, 61, 93, 123	
Thur 15 <sup>th</sup>	08:30 – 10:30	11A	Lightning Surges and Insulation Coordination II	Pantelis Mikropoulos	11, 37, 57, 101, 130, 131
		11B	Power Electronics, FACTS, HVDC IV	Taku Noda	18, 21, 32, 47, 127
	10:45 – 12:45	12A	Transmission Lines and Cables II	Ivo Uglešić	17, 25, 38, 92, 100, 132
		12B	Solution Methods and Algorithms IV	Luis Naredo	60, 82, 89, 97, 109, 126

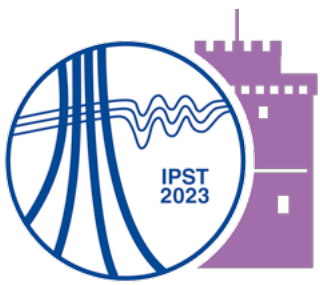
## Presenters' guidelines

There are **scheduled meetings** of the presenters with the Session Chairs. For the **morning Sessions from 08.00 to 08.30** and for the **afternoon Sessions from 13.15 to 13.45**

Each presentation is scheduled for **20 min total**, 15 min for the presentation and 5 min for Q&A. Please try to keep the timing!







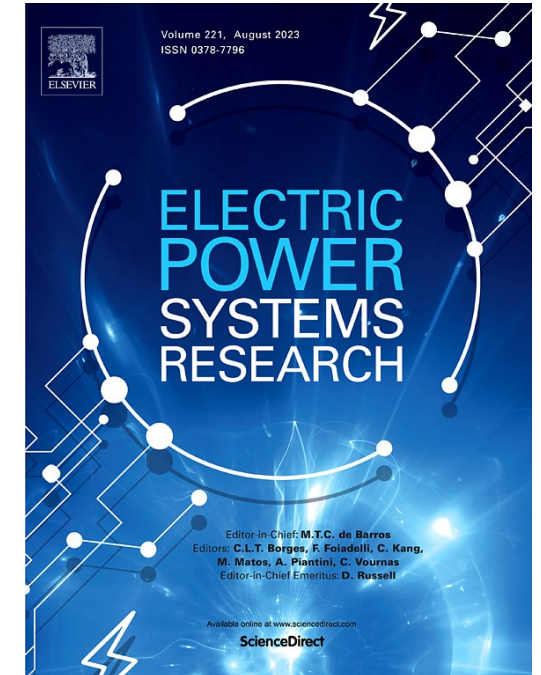
# The IPST 2023 Conference in Thessaloniki

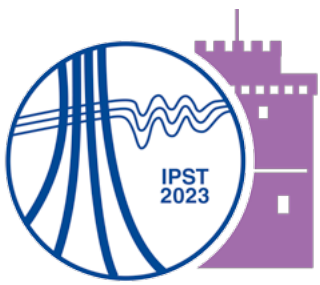
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All Conference papers have been submitted in Electric Power System Research (EPSR) journal

After peer review part of them have been accepted for presentation in the IPST 2023 Conference

All presented papers in the IPST 2023 Conference will appear in the EPSR in a Special Issue dedicated to IPST 2023





# The IPST 2023 Conference in Thessaloniki

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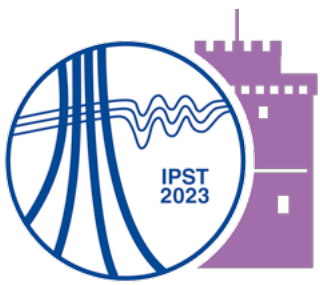
The IPST 2023 Young Scientist Award (YSA) is in Tribute to Prof. Akihiro Ametani and will be given in the closing ceremony.

A special committee with the help of Session Chairs will select the best Young Scientist paper.

The award includes a Certificate and a 1000 € bonus







# The IPST 2023 Conference in Thessaloniki

## The people in the IPST 2023 Conference



**SESSION CHAIR**

**SESSION CHAIR**

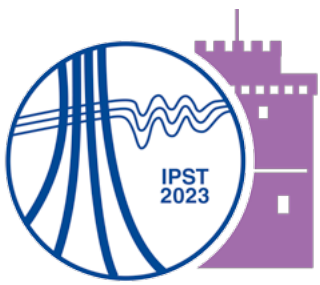
**PARTICIPANT**

**LOC | MEMBER**

**SPONSORS**

**ACCOMPANYING PERSON**

**VOLUNTEER**



# The IPST 2023 Conference in Thessaloniki

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The IPST 2023 group photo will be taken right after the Opening Ceremony in the Grand Pietra Hall

Please be all there!







# The IPST 2023 Conference in Thessaloniki

## The IPST 2023 social program

Welcome reception – Sunday 11/6/2023  
19.30 - Porto Palace hotel

IPST 2023 Final Schedule

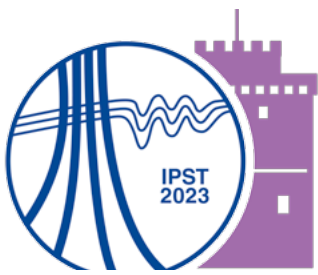
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19.30	Welcome Reception (Minor Hall)		Banquet (Ktima Deda)		



Outdoors



Indoors



# The IPST 2023 Conference in Thessaloniki

IPST 2023 Final Schedule

## The IPST 2023 social program

Thessaloniki guided tour – Monday  
12/6/2023 17.30 – Starting from Porto Palace  
hotel

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# The IPST 2023 Conference in Thessaloniki

## The IPST 2023 social program

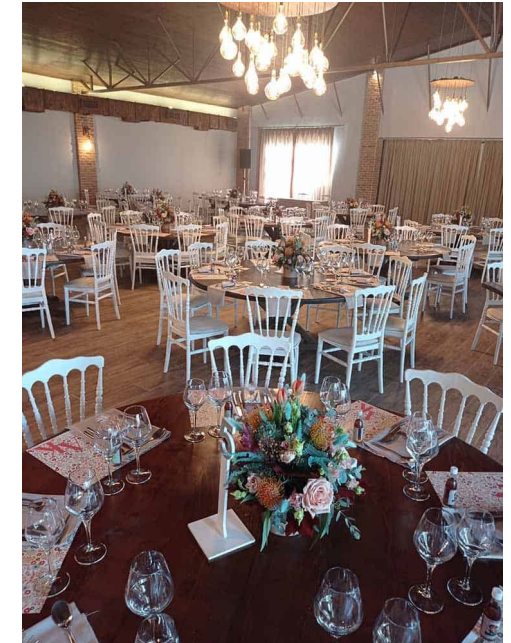
Conference dinner ...and dance at Ktima Deda  
 Tuesday 13/6/2023 starting @19.30 - Porto Palace  
 hotel

IPST 2023 Final Schedule

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Outdoors



Indoors



# The IPST 2023 Conference in Thessaloniki

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Cultural visits Wednesday 14/6/2023 starting @16.00 - @Porto Palace hotel

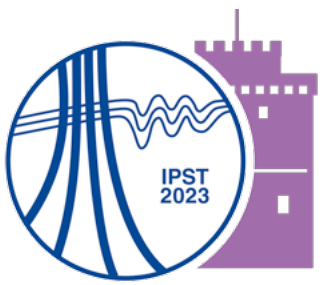


Vergina the royal tombs of Ancient Macedonia, the kingdom of Alexander the Great

Gerovasileiou winery and wine tasting



Please book early! Registration desk



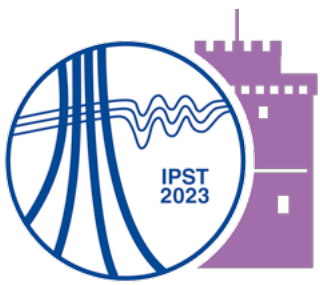
# The IPST 2023 Conference in Thessaloniki

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## And the weather forecast

Mon	Tue	Wed	Thu	Fri
12/06	13/06	14/06	15/06	16/06
Max +25°	Max +26°	Max +27°	Max +27°	Max +27°
Min +18°	Min +17°	Min +17°	Min +19°	Min +19°
4 kmh	4 kmh	7 kmh	7 kmh	4 kmh
8.6 mm	3.8 mm	0.8 mm	0.6 mm	0.7 mm





# The IPST 2023 Conference Sponsors

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## PLATINUM

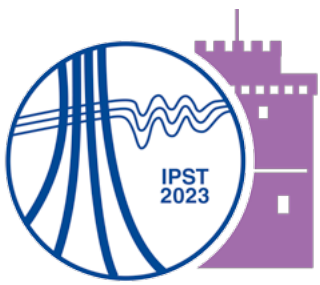


## GOLD



## SILVER





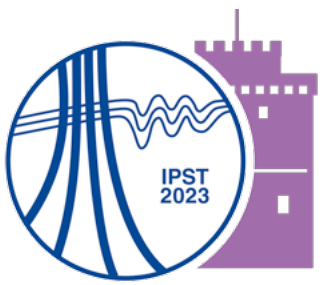
# The IPST 2023 Conference in Thessaloniki

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And also our thanks to



And to all the members of the Local Organizing Committee and volunteers for their help



# The IPST 2023 Conference in Thessaloniki

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Enjoy the IPST 2023 Conference in Thessaloniki!



But also take the chance to visit the secret corners of the city,  
Which waits for you to discover!

And do not forget!

Thessaloniki is considered to be the culinary capital ...of Greece!

