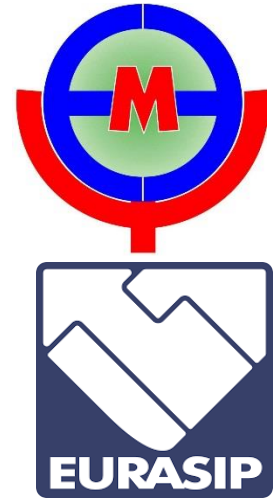




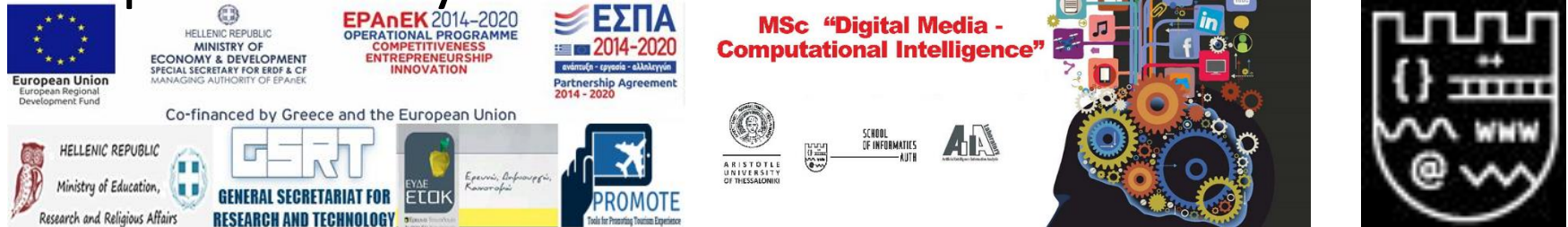
# 1<sup>st</sup> EURASIP-GAIPDM Seasonal School on “Learning from Signals, Images, and Video”

Initiative undertaken by the Greek Association  
for Image Processing and Digital Media

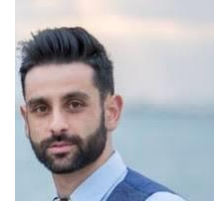
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Co-sponsored by :



Acknowledgements: E. Gionanidis M. Ntemi I. Sarridis G. Karantaidis

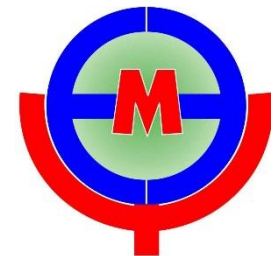




# 1<sup>st</sup> EURASIP-GAIPDM Seasonal School on “Learning from Signals, Images, and Video”

## All Attendees

- become members of EURASIP for one year
- obtain privileges of International Pattern Recognition Association members for one year
- become non-voting affiliated members of GAIPDM
- will be given certificates of attendance





# 1<sup>st</sup> EURASIP-GAIPDM Seasonal School on “Learning from Signals, Images, and Video”

## Hackathons

- Briefings will be given at 16:15
- Attendees will
  - declare their hackathon preferences
  - form 4, 4-member teams within each hackathon
  - work Mon-Tue-Wed between 16:15-19:00 (or 20:00 max) under the supervision of hackathon organizers
  - present their work on Thur between 16:15-18:15
- Awards will be bestowed to the winning team members for each hackathon on Thur 18:20.

Summer School on Learning from Signals, Images, and Video  
Aristotle University of Thessaloniki Research Dissemination Center

Organizers: [European Association for Signal Processing](#)  
[Greek Association for Image Processing and Digital Media](#)  
 Approved by: [Aristotle University of Thessaloniki Center for Lifelong Education](#)

Time schedule	Monday July 15th, 2019	Tuesday July 16th, 2019	Wednesday July 17th, 2019	Thursday July 18th, 2019	Friday July 19th, 2019	Type of the event
08:15-08:45	Registration				Daily Excursion to Kavala (Sightseeing, swimming in the sea, and dinner)	Registration/Opening
08:45-09:00	Opening	Registration	Registration	Registration		
09:00-10:30	P. Maragos, P. Koutras Multi-sensory Video Processing and Learning for Human-Robot Interaction (Part I)	I. Pitas, N. Nikolaidis, A. Tefas, Computer Vision and Machine Learning for Drone Cinematography (Part I)	D. Tzoveras, Modelling material degradation phenomena for cultural & industrial use-cases using AI Techniques (Part I)	K. N. Plataniotis, Image Processing and Machine Learning for Histopathology and Radiomics		Lecture/Tutorial AM-1
10:30-10:45						Coffee break
10:45-12:15	P. Maragos, P. Koutras, Multi-sensory Video Processing and Learning for Human-Robot Interaction (Part II)	I. Pitas, N. Nikolaidis, A. Tefas, Computer Vision and Machine Learning for Drone Cinematography (Part II)	D. Tzoveras, Modelling material degradation phenomena for cultural & industrial use-cases using AI Techniques (Part II)	K. N. Plataniotis, Machine Learning in Engineering: Panacea or Deep Trouble? (Distinguished Lecturer Series @csd.auth, open to the public)		Lecture/Tutorial AM-2
12:15-12:30						Announcement
12:30-14:30						Lunch Break
14:30-16:00	P. Maragos, P. Koutras, N. Efthymiou, Multi-sensory Video Processing and Learning for Human-Robot Interaction (Hands-on)	I. Pitas, N. Nikolaidis, A. Tefas, I. Karakostas, P. Nousi, Computer Vision and Machine Learning for Drone Cinematography (Hands-on)	D. Tzoveras, A. Drosou, N. Dimitriou, Hands-on experimentation with different DNN architectures on material degradation	G. Vekkaros, Tracing AI and NLP Frontiers in Smartphone Industry: The Case of MLS Artificial Intelligence Center (MAIC). MLS Innovation Inc. Hands-on: C. Papanikolaou.		Hands-on/Industrial Lecturer
16:00-16:15						Coffee break
16:15-19:00	Hackathon I Recommendation, Price Prediction, and Natural Language Processing Tools for Promoting Tourism Experience (C. Kotropoulos, M. Ntemi, G. Karantaidis, I. Samridis, M. Gionanidis)			Project Presentations/ Meeting with Lecturers		Hackathon (Project)/Project Presentations/ Meeting with Lecturers
	Hackathon II The Web Media Verification Challenge (Y. Kompatsiaris, S. Papadopoulos, M. Zampoglou, O. Papadopolou)			Award Ceremony and Closing Remarks		(Hackathon) Project/Award Ceremony and Closing Remarks
19:00-20:00	Poster Presentations / Meeting with Lecturers	Poster Presentations / Meeting with Lecturers	Poster Presentations / Meeting with Lecturers	GAIPDM Assembly		Poster Presentations/Meeting with Lecturers/ GAIPDM Assembly



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## **Announcements**

- Complimentary lunch will be offered between 12:30-14:30
- Attendees (if they have not done so):
  - Fill in their email and leave a copy of their student identity at the registration desk until Thursday July 18<sup>th</sup>
  - Inform us if they will join us in the daily excursion to Kavala on Friday July 19<sup>th</sup>
  - Choose their main dish preference (meat or fish lovers) to be offered in Kavala



# 1<sup>st</sup> EURASIP-GAIPDM Seasonal School on “Learning from Signals, Images, and Video”

## Plan of daily excursion to Kavala on July 19<sup>th</sup>

- 07:30 Departure from the Post Office in front of the Ceremony Hall of AUTH
- 07:30-09:30 Bus ride Thessaloniki-Filippioi
- 09:30-10:45 Visit to archaeological site of Filippioi
- 10:45-11:45 To Kavala, sightseeing tour at Kavala old town (Panagia)
- 11:45-12:00 Walking toward the Tobacco Museum of Kavala
- 12:00-12:45 Visit at Tobacco Museum
- 12:45-13:00 Walking toward the Archaeological Museum of Kavala
- 13:00-13:45 Visit at Archaeological Museum of Kavala
- 13:45-14:10 Bus ride to Batis resort
- 14:10-15:30 Swimming in the sea
- 15:30-17:00 Dinner at Batis Elia restaurant
- 17:00-19:00 Bus ride to Thessaloniki