

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	Registration	Registration	Registration	Daily Excursion to Kavala (Sightseeing, swimming in the sea, and dinner)	Registration/Opening
08:45-09:00	Opening					Lecture/Tutorial AM-1
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. Tzovaras, 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		Coffee break
10:30-10:45						Lecture/Tutorial AM-2
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. Tzovaras, 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)		Announcement
12:15-12:30						Lunch Break
12:30-14:30						Hands-on/Industrial Lecturer
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. Tzovaras, A. Drosou, N. Dimitriou, Hands-on experimentation with different DNN architectures on material degradation	G. Vakaros, Tracing AI and NLP Frontiers in Smartphone Industry: The Case of MLS Artificial Intelligence Center (MAIC). MLS Innovation Inc. Hands-on: C. Papanikolaou.		Coffee break
16:00-16:15						Hackathon (Project)/Project Presentations/ Meeting with Lecturers
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. Sarridis, M. Gionanidis)			Project Presentations/ Meeting with Lecturers		(Hackathon) Project/Award Ceremony and Closing Remarks
	Hackathon II The Web Media Verification Challenge (Y. Kompatsiaris, S. Papadopoulos, M. Zampoglou, O. Papadopoulos)			Award Ceremony and Closing Remarks		Poster Presentations/Meeting with Lecturers/ GAIPDM Assembly
19:00-20:00	Poster Presentations / Meeting with Lecturers	Poster Presentations / Meeting with Lecturers	Poster Presentations / Meeting with Lecturers	GAIPDM Assembly		