

SMAP 2023 Final Program

Monday, September 25th, 2023

08:15 – 08:45: Registration & Welcome

08:45 - 10:15	Session 1A:	Social data mining & social media analytics I
	Chair:	Nicolas Tsapatsoulis, Cyprus University of Technology
08:45 – 09:05	Andreas Kanavos, Nikos Antonopoulos, Alaa Mohasseb, Phivos Mylonas	
	Analyzing Public Sentiment Towards the Covid-19 Pandemic: A Twitter-based Sentiment Analysis and Machine Learning Approach	
09:05 - 09:25	Christiana Andreou, Nicolas Tsapatsoulis	
	A dataset of hotel reviews for aspect-based sentiment analysis and topic modeling	
09:25 - 09:45	Kostas Gemenis	
	Using Facebook Targeted Advertisements to Recruit Survey Respondents	
09:45 - 10:15	Karwan Mohammad, Aland Farhad, Rawaz Abdulrahman, Bawan Nawzad, Khalat Khalil	
	Using DeepWalk to Link Prediction in Sub graph	

10:15 – 10:45: Coffee Break

10:45 - 12:05	Session 1B:	Social data mining & social media analytics II
	Chair:	Maria Voutsas, Cyprus University of Technology
10:45 - 11:05	Andreas Neumeier	
	Dynamic Analysis Pipeline in Real Time Monitoring Scenario	
11:05 - 11:25	Andreas Kanavos, Nikos Antonopoulos, Ioannis Karamitsos, Phivos Mylonas	
	A Comparative Analysis of Tweet Analysis Algorithms using Natural Language Processing and Machine Learning Models	
11:25-11:45	Constantinos Djouvas, Christos Christodoulou, Antonis Charalampous, Nikandros Ioannidis	
	Identifying Euroscepticism using a Text-As-Data approach: an experimental study employing parliamentary speeches	
11:45 - 12:05	Nelly Sergidou, Vasiliki Trigka, Nicolas Tsapatsoulis	
	Social media vs traditional media in politics: Revisiting the case of Greek referendum in 2015	

12:15 - 13:35	Session 2:	Ontologies, knowledge & platforms
	Chair:	Kostas Gemenis, Cyprus University of Technology
12:15 - 12:35	Gerasimos Razis, Konstantinos Anagnostopoulos, Omiros Metaxas, Stefanos-Dimitrios Stefanidis, Hong Zhou, Ioannis Anagnostopoulos	
	PaperMill Detection in Scientific Content	

12:35 - 12:55	Constantinos Djouvas, Nicolas Tsapatsoulis, Aristodimos Lanitis
	Implementing the EUt+ European Student Card via Open Source Services
12:55 - 13:15	Eirini Mathe, Despoina Mouratidis, Yorghos Voutos, Katia Lida Kermanidis, Phivos Mylonas, Andreas Kanavos
	ShipQuest: a Bottom-Up Approach for Building a Modern Greek Maritime Ontology
13:15 - 13:35	Yorghos Voutos, Stergios Palamas, Phivos Mylonas
	A user-driven platform for biodiversity conservation and promotion

13:35 – 14:45: Lunch Break

14:45 - 16:05	Session 3:	Learning models (probably hybrid)
	Chair:	Iolie Nicolaidou, Cyprus University of Technology
14:30-14:50	Christos Troussas, Akrivi Krouska, Phivos Mylonas, Cleo Sgouropoulou	
		Personalized Learner Assistance through Dynamic Adaptation of Chatbot using Fuzzy Logic Knowledge Modeling
14:50-15:10	Panagiotis Strousopoulos, Christos Troussas, Akrivi Krouska, Phivos Mylonas, Cleo Sgouropoulou	
		Integrating Stereotype User Models for Adaptive Scenarios in Game Playing within Immersive Virtual Environments
15:10-15:30	Elias Dritsas, Maria Trigka, Phivos Mylonas, Amalia Chrysanthakopoulou	
		An EEG-based Application for Real-Time Mental State Recognition in Adaptive e-Learning Environment
15:30-15:50	Elias Dritsas, Maria Trigka, Georgios Papadoulis, Christos Fidas	
		An Intelligent System for Real-time Human Cognition Modelling based on EEG and Eye Gaze

16:05 – 16:30: Coffee Break

16:30 - 18:30	Session 4:	Machine Learning & Image Classification
	Chair:	Andreas Lanitis, Cyprus University of Technology
16:30-16:50	Athanasios Kanavos, Orestis Papadimitriou, Manolis Maragoudakis	
		Enhancing COVID-19 Diagnosis from Chest X-Ray Images using Deep Convolutional Neural Networks
16:50-17:10	Orestis Papadimitriou, Athanasios Kanavos, Phivos Mylonas, Manolis Maragoudakis	
		Advancing Weather Image Classification using Deep Convolutional Neural Networks
17:10-17:30	Efstathia Chatzi, Dimitrios Christopoulos, Georgios Sofianopoulos, Sofia Eleftheriou, Panagiotis Koromilas, Theodoros Giannakopoulos, Panagiotis Kaliosis, Emmanuela Patiniotaki, Nefeli Gkouti, Kosmas Petridis, Eleni Sismanidou	
		Smart Subs: subtitling app for more accessibility to large-scale VR live performances
17:30-17:50	Zenonas Theodosiou, Maria Voutsas, Constantinos Constantinou, Andreas Lanitis	
		Safe vs unsafe crosswalks: Assessing the factors related to pedestrian safety

17:50-18:10	Valasia Vlachopoulou, Ioannis Sarafis, Alexandros Papadopoulos
	Food Image Classification and Segmentation with Attention-based Multiple Instance Learning
18:10 – 18:30	Andreas Kanavos, Phivos Mylonas
	Deep Learning Analysis of Histopathology Images for Breast Cancer Detection: A Comparative Study of ResNet and VGG Architectures

18:30 – 19:00: SMAP Steering Committee Meeting

19:00 - 19:45	PAR Contest 2023	Pedestrian Attributes Recognition with Multi-Task Learning
	Chairs:	Antonio Greco, University of Salerno, Italy
		Bruno Vento, University of Napoli, Italy

20:00 – 22:00: SMAP 2023 & CAIP 2023 Welcome Cocktail

Tuesday, September 26th, 2023

09:00 - 10:30	Keynote	Semiconductor Chips in the Center of Geopolitical Competition
		C. L. Max Nikias, President Emeritus & Professor of Electrical Engineering, University of Southern California (USC)

10:30 – 11:00: Coffee Break

11:00 - 12:00	Session 5:	CLIENT
	Chair:	Phivos Mylonas, University of West Attica, Greece
11:00-11:20	Vasiliki Soumpenioti, Apostolos Panagopoulos	
	AI Technology in the Field of Logistics	
11:20-11:40	Eleni Stai, Vasileios Karyotis, Panos Kourouthanasis, Phivos Mylonas	
	A Backpressure-based Algorithm for Optimal Scheduling in Freight Management Systems	
11:40-12:00	Panos Kourouthanassis, Cleopatra Bardaki, Alkiviadis Sourvinos, Vasileios Karyotis, Phivos Mylonas	
	Platform Architecture and Functionality for Efficient and Intelligent Logistics	

12:00 – 12:30: Closing & next SMAP announcement.

20:00 – 22:00: SMAP 2023 & CAIP 2023 Gala Dinner
