

# IOANNIS SARRIDIS

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## EXPERIENCE

Research Associate  
Artificial Intelligence and Information Analysis Laboratory of Aristotle University of Thessaloniki.

10/2018 – 05/2021    Thessaloniki, Greece

- Research-Create-Innovate Project: PROMOTE (project code: T1EDK-02474)
- Supervisor: Constantine Kotropoulos (costas@csd.auth.gr)
- Tasks: Developing recommender systems utilizing multimedia information.

Research Associate  
Media Verification team, Centre for Research and Technology Hellas

06/2021 – Today    Thessaloniki, Greece

- EU funded Projects: MAMMOth (GA 101070285) AI4Media (GA 951911), MediaVerse (GA 957252), and HELIOS (GA 825585)
- Supervisor: Symeon Papadopoulos (papadop@iti.gr)
- Tasks: AI at the edge, fairness-aware AI, and NSFW/disturbing content detection.

## LATEST PAPERS

Sarridis, I., Koutlis, C., Papadopoulos, S., & Diou, C. (2023). Towards Fair Face Verification: An In-depth Analysis of Demographic Biases. *arXiv preprint arXiv:2307.10011*.

Sarridis, I., Spangenberg, J., Papadopoulou, O., & Papadopoulos, S. (2023). Mitigating Viewer Impact from Disturbing Imagery using AI Filters: A User-Study. *arXiv preprint arXiv:2307.10334*.

Sarridis, I., Koutlis, C., Papadopoulos, S., & Diou, C. (2023). FLAC: Fairness-Aware Representation Learning by Suppressing Attribute-Class Associations. *arXiv preprint arXiv:2304.14252*.

Sarridis, I., Koutlis, C., Papadopoulos, S., & Kompatsiaris, I. (2022). InDistill: Transferring Knowledge From Pruned Intermediate Layers. *arXiv preprint arXiv:2205.10003*.

Sarridis, I., Koutlis, C., Papadopoulou, O., & Papadopoulos, S. (2022). Leveraging Large-scale Multimedia Datasets to Refine Content Moderation Models. In *2022 IEEE Eighth International Conference on Multimedia Big Data (BigMM)* (pp. 125-132). IEEE.

Ntemi, M., Sarridis, I., & Kotropoulos, C. (2022). An Autoregressive Graph Convolutional Long Short-Term Memory Hybrid Neural Network for Accurate Prediction of COVID-19 Cases. *IEEE Transactions on Computational Social Systems*.

Karantaidis, G., Sarridis, I., & Kotropoulos, C. (2021). Adaptive hypergraph learning with multi-stage optimizations for image and tag recommendation. *Signal Processing: Image Communication*, 97, 116367.

Sarridis, I., & Kotropoulos, C. (2021). Neural Factorization Applied to Interaction Matrix for Recommendation. In *2021 29th European Signal Processing Conference (EUSIPCO)* (pp. 1336-1340).

## EDUCATION

PhD: Fairness-aware machine learning for multimedia data  
Informatics & Telematics, Harokopio University of Athens

11/2022 – present    Remote

Master of Science: Digital Media - Computational Intelligence  
School of Informatics, Aristotle University of Thessaloniki

10/2018 – 04/2020    Thessaloniki, Greece

- Grade: 9 (Rating scale: 0-10)
- Thesis: Personalized Optimal Route Recommendation (Grade: 10)

Bachelor's degree: Informatics  
Aristotle University of Thessaloniki

09/2013 – 07/2018    Thessaloniki, Greece

- Grade: 6,82 (Rating scale: 0-10)
- Thesis: Isolated Digit Recognition Algorithms (Grade: 10)

## PROGRAMMING LANGUAGES

Python (Pytorch)    ●●●●●

Matlab    ●●●●●

Java    ●●●●●

## RESEARCH INTERESTS

- Computer Vision
- AI at the edge
- Hypergraphs
- Fairness-aware AI
- Knowledge Distillation

## LANGUAGES

- Greek: Native
- English: Fully professional (C2)