



Multimedia Evaluation Workshop MediaEval 2023 Program



1-2 February 2024, Amsterdam, Netherlands and Online

MediaEval is an in-cooperation initiative with the ACM Special Interest Group on Multimedia (SIGMM)

Times in the CET (Amsterdam) timezone.

Preliminary proceedings: <https://2023.multimediaeval.com/>

Day 1: Thu 1 February 09:00 - 17:00 (+ Dinner after this) CET

08:30 - 09:00	Registration, welcome, coffee <i>Room: Atrium</i>
9:00 - 10:30	Joint Session with MMM 2024 Topics in Multimedia Keynote by Yiannis Kompatsiaris, Information Technologies Institute, CERTH <i>Room: Auditorium</i>
10:30 - 11:00	MediaEval kickoff <i>Room: SustainaLab</i>
11:00 - 11:30	Coffee break (Remote presenters login to Zoom at 11:20)
11:30 - 13:30	Presentation session: Memorability + NewsImages Chair: Gareth Jones, Dublin City University, Ireland <i>Room: SustainaLab</i>

11:30 - 11:45	<p>Overview presentation: Overview of The MediaEval 2023 Predicting Video Memorability Task</p> <p><i>Authors: Mihai Gabriel Constantin, Claire-Hélène Demarty, Camilo Fosco, Alba García Seco de Herrera, Sebastian Halder, Graham Healy, Bogdan Ionescu, Ana Matran-Fernandez, Rukiye Savran Kiziltepe, Alan F. Smeaton and Lorin Sweeney</i></p> <p>Presenter: Mihai Gabriel Constantin, University Politehnica of Bucharest, Romania</p>
11:45 - 11:55	<p>Exploring Video Transformers and Automatic Segment Selection for Memorability Prediction</p> <p><i>Authors: Iván Martín-Fernández, Sergio Esteban-Romero, Jaime Bellver-Soler, Manuel Gil-Martín and Fernando Fernández-Martínez</i></p> <p>Presenter: Iván Martín-Fernández, Universidad Politécnica de Madrid, Spain</p>
11:55 - 12:05	<p>The Impact of Transformers Ensemble on Model Memorability and Generalizability</p> <p><i>Authors: Muhammad Mustafa Ali Usmani, Humna Faisal and Muhammad Atif Tahir</i></p> <p>Presenter: Muhammad Mustafa Ali Usmani, National University of Computer & Emerging Sciences, Karachi, Pakistan.</p>
12:05 - 12:15	<p>SELAB-HCMUS at MediaEval 2023: A cross-domain and subject-centric approach towards the memorability prediction task</p> <p><i>Authors: Minh-Quang Nguyen, Minh-Huy Trinh, Huy-Giap Bui, Khac-Trieu Vo, Minh-Triet Tran, Thien-Phuc Tran and Hai-Dang Nguyen</i></p> <p>Presenter: Thien-Phuc Tran, Faculty of Information Technology, University of Science, Ho Chi Minh City, Vietnam</p>
12:15 - 12:25	<p>AIMultimediaLab at MediaEval 2023: Studying the generalization of media memorability prediction methods.</p> <p><i>Authors: Mihai Gabriel Constantin and Bogdan Ionescu</i></p> <p>Presenter: Mihai Gabriel Constantin, University Politehnica of Bucharest, Romania</p>
12:25 - 12:40	<p>Overview presentation: The Relation between Texts and Images in News: News Images in MediaEval 2023.</p> <p><i>Authors: Andreas Lommatzsch, Benjamin Kille, Özlem Özgöbek, Mehdi Elahi and Duc Tien Dang Nguyen.</i></p>

	Presenter: Özlem Özgöbek, NTNU, Norway
12:40 - 12:50	Beyond Keywords: ChatGPT's Semantic Understanding for Enhanced Media Search. <i>Authors: Hoang Chau Truong Vinh, Doan Khai Ta, Duc Duy Nguyen, Le Thanh Nguyen and Quang Vinh Nguyen</i> Presenter: Hoang-Chau Truong-Vinh, Vietnamese-German University, Vietnam
12:50 - 13:00	Prompt-based Alignment of Headlines and Images Using OpenCLIP <i>Authors: Lucien Heitz, Yui Kwan Chan, Hongji Li, Kerui Zeng, Luca Rossetto and Abraham Bernstein</i> Presenter: Lucien Heitz, University of Zurich, Switzerland
13:00 - 13:10	Multimodal Fusion in NewsImages 2023: Evaluating Translators, Keyphrase Extraction, and CLIP Pre-Training <i>Authors: Tien-Huy Nguyen, Hoang-Long Nguyen-Huu, Thien-Doanh Le, Huu-Loc Tran, Quoc-Khanh Le-Tran, Hoang-Bach Ngo, Minh-Hung An and Quang-Vinh Dinh</i> Presenter: Thien-Doanh Le, University of Information Technology, Vietnam
13:10 - 13:20	Ensemble Pre-trained Multimodal Models for Image-text Retrieval in the NewsImages MediaEval 2023 <i>Authors: Taihang Wang, Jianxiang Tian, Xiangrun Li, Xiaoman Xu and Ye Jiang</i> Presenter: Taihang Wang, Qingdao University of Science and Technology, China
13:20 - 14:15	Lunch Break (Remote presenters login to Zoom at 14:20)
14:15 - 15:30	Presentation session: NewsImages (continued) + Memorability Chair: Özlem Özgöbek, NTNU, Norway <i>Room: SustainaLab</i>
14:15 - 14:30	An Empirical Exploration of Perceived Similarity between News Article Texts and Images <i>Authors: Lucien Heitz, Abraham Bernstein and Luca Rossetto</i>

	Presenter: Luca Rossetto, University of Zurich, Switzerland
14:30 - 14:40	Cross-modal Networks, Fine-Tuning, Data Augmentation and Dual Softmax Operation for MediaEval NewsImages 2023 <i>Authors: Antonios Leventakis, Damianos Galanopoulos and Vasileios Mezaris</i> Presenter: Vasileios Mezaris, Information Technology Institute / Centre for Research and Technology HellasGreece
14:40 - 14:50	Enhancing News Text-Image Retrieval: Insights from MediaEval 2023 NewsImage Benchmark <i>Authors: Xiaomeng Wang, Mingliang Liang and Martha Larson</i> Presenter: Xiaomeng Wang, Radboud University, Netherlands
14:50 - 15:00	Integrated Multi-stage Contextual Attention Network for Text-Image Matching <i>Authors: Jiande Sun, Yi Shao, Yawen Chen, Yang Zhang, Tianlin Zhang, Xuan Zhang, Ye Jiang and Jing Li</i> Presenter: Yawen Chen, Shandong Normal University, China
15:00 - 15:10	NewsImages Fusion: Bridging Textual Context and Visual Content in Media Representation <i>Authors: Arvind V, Vettri Chezhiyan, Harish J, Dr. Priyadharshini R and Mohanapriya E</i> Presenter: Arvind V, SSN College of Engineering, India
15:10 - 15:20	Optimizing Visual Pairings: A CLIP Framework for Precision News Image Rematching <i>Authors: Pooja Premnath, Venkatasai Ojus Yenumulapalli, Rajalakshmi Sivanaiah and Angel Deborah Suseelan</i> Presenter: Pooja Premnath, Sri Sivasubramaniya Nadar College of Engineering, India
15:20 - 15:30	Connecting Text and Images in News Articles using VSE++ <i>Authors: Abhinav Elliah, Mirunalini P, Keerthick V, Haricharan Bharathi, Anirudh Bhaskar and Vithula S</i> Presenter: Abhinav Elijah, Sri Sivasubramaniya Nadar College of Engineering, India

15:30 - 17:00	Technical retreats + Grab coffee (Coffee will be available at 16:00) Technical retreat Memorability Technical retreat NewsImages <i>Room: SustainaLab</i>
18:00 -	Dinner

Day 2: Fri 2 February 08:30 - 17:00 (+ Organizers meeting ending at 18:30) CET

08:30 - 09:00	Registration, welcome, coffee (Remote presenters login to Zoom at 8:50) <i>Room: Atrium</i>
09:00 - 10:00	Presentation session: SportsVideo Chair: Steven Hicks, SimulaMet, Norway <i>Room: SustainaLab</i>
09:00 - 09:15	Overview presentation: SportsVideo: A Multimedia Dataset for Sports Event and Position Detection in Table Tennis and Swimming <i>Authors: Romain Vuillemot, Aymeric Erades, Pierre-Etienne Martin, Boris Mansencal, Renaud Peteri, Julien Morlier, Stefan Duffner and Jenny Benois-Pineau</i> Presenter: Romain Vuillemot <i>Ecole Centrale de Lyon, France, and Pierre-Etienne Martin, Max Planck Institute for Evolutionary Anthropology, Germany</i>
09:15 - 09:25	ConvLSTM for Table Tennis Stroke Classification <i>Authors: Jansi Rani Sella Veluswami, Ananth Narayanan P, Bhuvan S and Shobith Kumar R</i> Presenter: Ananth Narayanan P, Sri Sivasubramaniya Nadar College of Engineering, India and Shobith Kumar R, Sri

	Sivasubramaniya Nadar College of Engineering, India
09:25 - 09:35	Two-Stream Network and Attention Mechanism for Sports Video Classification in Table Tennis <i>Authors: Pengcheng Dong, Hongxin Xie, Fuqiang Zheng and Jiande Sun</i> Presenter: Pengcheng Dong, Shandong Normal University, China
09:35 - 09:45	Automated Recognition of Sports Scores using PyTesseract OCR and CNN: SportsVideo Task at MediaEval 2023 <i>Authors: Bhavana Jayaraman, Mirnalinee Tt, Harshida Sujatha Palaniraj, Mohith Adluru and Sanjith Sounderrajan</i> Presenter: Sanjith Sounderrajan, Sri Sivasubramaniya Nadar College of Engineering, India
09:45 - 09:55	A Hybrid Approach To Stroke Detection In Swimming <i>Authors: Ankitha Reddy A, Pranav Moorthi, Samyuktaa Sivakumar, Shwetha Suresh and Prabavathy Balasundaram</i> Presenter: Shwetha Suresh, Sri Sivasubramaniya Nadar College of Engineering, India
10:00 - 10:30	Coffee break (Remote presenters login to Zoom at 10:20)
10:30 - 11:30	Presentation session: SportsVideo (continued) + Medico Chair: Luca Rossetto, University of Zurich, Switzerland <i>Room: SustainaLab</i>
10:30 - 10:40	Baseline Method for the Sport Task of MediaEval 2023 3D CNNs using Attention Mechanisms for Table Tennis Stoke Detection and Classification. Author: Pierre-Etienne Martin <i>Presenter: Pierre-Etienne Martin, Max Planck Institute for Evolutionary Anthropology, Germany</i>
10:40 - 10:55	Overview presentation: Medico Multimedia Task at MediaEval 2023: Transparent Tracking of Spermatozoa <i>Authors: Vajira Thambawita, Andrea Storås, Tuan-Luc Huynh, Hai-Dang Nguyen, Minh-Triet Tran, Trung-Nghia Le, Pål</i>

	<i>Halvorsen, Michael Riegler, Steven Hicks and Thien-Phuc Tran</i> Presenter: Steven Hicks, SimulaMet, Norway
10:55 - 11:05	Tracking and Prediction Of Human Spermatozoa Motility Using Yolov8n with Greedy Shape Geometry Technique <i>Authors: Muhammad Osaid, Abdul Samad, Omer Qureshi, Muhammad Atif Tahir and Muhammad Nouman Durrani</i> Presenter: Muhammad Osaid, FAST NUCES, Pakistan
11:05 - 11:15	Optimizing Sperm Detection and Tracking in Fluids with Equalize Class Representation Augmentation <i>Authors: Trong-Hieu Nguyen-Mau, Quoc-Huy Trinh, Ngoc-Linh Nguyen-Ha, Tuong-Vy Truong-Thuy, Tuan-Anh Yang, Hai-Dang Nguyen, Ngoc-Thao Nguyen and Minh-Triet Tran</i> Presenter: Hai-Dang Nguyen, VNUHCM - University of Science, Vietnam
11:15 - 11:25	Transparent Tracking of Spermatozoa with YOLOv8 <i>Authors: Bao-Tin Nguyen, Van-Loc Nguyen and Minh-Triet Tran</i> Presenter: Bao-Tin Nguyen, VNUHCM - University of Science, Vietnam
11:30 - 12:00	Invited Talk by Adriëne Mendrik on supporting benchmarks with the Next web platform CEO & Co-founder of Eyra
12:00 - 13:00	Lunch (Remote presenters login to Zoom at 12:50)
13:00 - 14:30	Presentation session: MUSTI Chair: Pierre-Etienne Martin, Max Planck Institute for Evolutionary Anthropology, Germany <i>Room: SustainaLab</i>
13:00 - 13:15	The MUSTI challenge@MediaEval 2023 - Multimodal Understanding of Smells in Texts and Images with Zero-shot Evaluation

	<p><i>Authors: Ali Hürriyetoğlu, Inna Novalija, Mathias Zinnen, Vincent Christlein, Pasquale Lisena, Stefano Menini, Marieke van Erp and Raphael Troncy</i></p> <p>Presenter: Ali Hürriyetoğlu, Wageningen Food Safety Research, the Netherlands</p>
13:15 - 13:25	<p>Handle the problem of ample label space by using the Image-guided Feature Extractor on the MUSTI dataset</p> <p><i>Authors: Le Ngoc Duc, Le Minh Hung and Dinh Quang Vinh</i></p> <p>Presenter: Le Minh Hung, Hanoi University of Science and Technology, Vietnam</p>
13:25 - 13:35	<p>Enhancing Multimodal Language Models with Olfactory Information</p> <p><i>Authors: Murathan Kurfalı, Jonas K. Olofsson and Thomas Hörberg</i></p> <p>Presenter: Murathan Kurfalı, Stockholm University, Sweden</p>
13:35 - 13:45	<p>Multimodal Learning for Image-Text Matching: A Blip-Based Approach</p> <p><i>Authors: Dhanya Srinivasan, Subhashree M, Mirunalini P and Jaisakthi S M</i></p> <p>Presenters: Subhashree M, Sri Sivasubramaniya Nadar College of Engineering, India and Dhanya Srinivasan, Sri Sivasubramaniya Nadar College of Engineering, India</p>
13:45 - 13:55	<p>Multimodal and Multilingual Olfactory Matching based on Contrastive Learning</p> <p><i>Authors: Sergio Esteban-Romero, Iván Martín-Fernández, Jaime Bellver-Soler, Manuel Gil-Martín and Fernando Fernández-Martínez</i></p> <p>Presenter: Sergio Esteban-Romero, Universidad Politécnica de Madrid (UPM), Spain</p>
13:55 - 14:05	<p>A Text-Image Olfactory Matching Method Based on the Distribution of Real-World Data</p> <p><i>Authors: Yi Shao, Yulong Sun, Wenbo Wan, Jing Li and Jiande Sun</i></p> <p>Presenter: Yulong Sun, Shandong Normal University, China</p>
14:05 - 14:15	<p>MUSTI - Multimodal Understanding of Smells in Texts and Images Using CLIP</p>

	<p><i>Authors: P. Mirunalini, V. Sanjhay, S, Rohitram, and M. Rohith</i></p> <p><i>Presenter: V. Sanjhay, Sri Sivasubramaniya Nadar College of Engineering, India</i></p>
14:30 - 16:00	<p>Technical retreats + Grab coffee</p> <p>Technical retreat SportsVideo</p> <p>Technical retreat Medico</p> <p>Technical retreat MUSTI</p> <p><i>Room: SustainaLab</i></p>
16:00 - 16:30	<p>Closing remarks and Distinctive mentions</p> <p><i>Room: SustainaLab</i></p>