Usage Agreement

for the MediaEval 2022 Research Collections

Please fill out this form and return it following the instructions that are given at the bottom of the last page. On page 1 (this page), mark the box next to the task or tasks for which you have registered. Then fill out page 2 with your team information. Sign on page 4, and then proceed to also sign any task-specific agreements related to the task or tasks for which you have registered. (For the SportsVideo and Fake News tasks an additional form is also required.)

Note: Please return one form per team, unless the team is composed of people from more than one organization. In that case, each organization (i.e., university or company) in the team should sign a separate form. We request that these multi-organization teams designate one person to collect and submit all forms from the team in a single email.

[ ] **Emotional Mario: A games analytics Challenge**: Use video and sensor readings captured from video game players to create a believable agent.

[ ] **DisasterMM: Multimedia Analysis of Disaster-Related Social Media Data:** Automatically classify social multimedia as relevant or not to floods and detect which words in the social media text refer to a location.

[ ] **FakeNews: Corona Virus and Conspiracies Multimedia Analysis Task:** Create a machine-learning approach to automatically detect disinformation and its spreaders in social networks.

[ ] **Medical Multimedia Task: Transparent Tracking of Spermatozoa:** Develop machine learning models to track the sperms, predict the motility, identify the fastest cells and explain the predictions of a given video of a sperm sample.

[ ] **MUSTI - Multimodal Understanding of Smells in Texts and Images:** Develop language and image recognition technologies to predict whether a text passage and an image evoke the same smell source or not.

[ ] **NewsImages:** Investigate the link between images and text (headlines, content excerpts) in a large collection of online news articles.

[ ] **Njord: Fishing Trawler Video Analytics Task:** Create a model to better understand what processes and anomalies can happen on fishing vessels and at the same time keep the privacy of observed fishermen as high as possible.

[ ] **Predicting Media Memorability task:** Given a data set of multimedia content (videos) and associated memorability annotations, automatically train a system to predict memorability. Given a data set of EEG signals from people watching videos and associated memorability annotations, automatically train a system to predict whether the video will be successfully remembered or not.

[ ] **Sport Task: Fine Grained Action Detection and Classification of Table Tennis Strokes from videos:** Automatically classify and detect strokes in videos of table tennis.

[ ] **SwimTrack: Swimmers and Stroke Rate Detection in Elite Race Videos:** Automatically detect swimmer position and stroke rates in elite race videos.

[ ] **Urban Air Quality:** Create a model that can predict the Air Quality Index (AQI) and discover correlation between AQI and people activities (e.g., urban traffic, festivals, events) using data crawled from weather and air pollution stations and CCTV.

Please follow these directions to submit this form:

- *Print, sign, and scan the whole form into a single .pdf file*
- *Please remember to sign both page 4 and also the appropriate task-specific sections (following pages).*
- ***Please name the file <teamname>_ME2022UA.pdf (add your organization name at the end of the filename for multi-organization teams)***
- *Return the form as an attachment to agree@mediaeven.org (do not use this email for any other purpose)*
- ***Give your email the subject line: <teamname> ME2022UA***

Team name used in MediaEval 2022 (as specified during registration): _____
Please note that it is important to provide the team name so that we are able to easily identify your team in the registration system. Thank you.

The _____ (the name of your organization, further referred to as "Organization") engages in research and development work in information retrieval, multimedia processing, music analysis, speech recognition or related areas.

Official mailing address: _____

_____

Telephone: _____

Contact person: _____

E-mail: _____

The Organization agrees to use the multimedia content and associated data including extracted features, automatically generated metadata, manually generated metadata, sensor readings, social metadata, and speech recognition transcripts (the "Information") under the following understandings, terms, and conditions. These understandings, terms, and conditions apply equally to all or to part of the Information, including any updates or new versions of the Information supplied under this agreement.

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The Organization must make its own assessment of the suitability of the Information for its research and development purposes under Permitted Uses.

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The Organization undertakes to delete within thirty days of receiving notice all copies of any named document that is part of the Information whenever requested to do so by any one of:

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2. the owner of copyright for a particular element

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The Organization:

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Either party may terminate the Agreement at any time by notifying the other party in writing. On termination, the Organization must a) destroy all copies of the Information and b) notify the MediaEval 2022 organizers in writing of the action taken.

Applicable Law

This Agreement is governed by the laws of the Netherlands. Signed by the Organization:

Signature:_____ Date:_____

Name (please print): _____

Position/Organizational Role: _____

E-mail _____
(if different from contact person above)

Emotional Mario: A Games Analytics Challenge

(Data: Toadstool (simula.no/datasets/toadstool))

We provide a multimodal dataset consisting of participants playing Super Mario Bros. The dataset contains their game input, demographics, sensor output from a medical-grade device, and videos of their faces while playing. The data is free to use for academic purposes.

Any use of the dataset will cite the following papers:

Henrik Svoren, Vajira Thambawita, Pål Halvorsen, Petter Jakobsen, Enrique Garcia-Ceja, Farzan Majeed Noori, Hugo L. Hammer, Mathias Lux, Michael Alexander Riegler, and Steven Alexander Hicks. 2020. Toadstool: A Dataset for Training Emotional Intelligent Machines Playing Super Mario Bros. In Proceedings of the 11th ACM Multimedia Systems Conference (MMSys '20).

Signature_____

(sign here if participating in the **Emotional Mario: A Games Analytics Challenge** to indicate you have read and accepted the task specific conditions)

DisasterMM: Multimedia Analysis of Disaster-Related Social Media Data

(Data: (a) Tweet IDs with manual annotation for relevance to floods, (b) Tweet IDs with word tokens and manual annotation for location entities)

Annotations are released for research under the CC BY-NC license. When downloading tweets by the means of the distributed Tweet IDs, users have to be compliant with Twitter's Developer Agreement and Policy
(https://developer.twitter.com/en/developer-terms/agreement-and-policy).

Any use of the dataset will be accompanied by the citation of the following paper:

Moumtzidou, A., Andreadis, S., Gialampoukidis, I., Karakostas, A.,Vrochidis, S., & Kompatsiaris, I.(2018, April). Flood relevance estimation from visual and textual content in social media streams. In Companion Proceedings of the The Web Conference 2018 (pp. 1621-1627).

Signature_____

(sign here if participating in the **DisasterMM: Multimedia Analysis of Disaster-Related Social Media Data** to indicate you have read and accepted the task specific conditions)

FakeNews Detection: Corona Virus and Conspiracies Multimedia Analysis Task

(Data: (a) Tweet IDs, (b) Full-text tweets, (c) Retweet graph with text-based vertex features and human annotations for relevance to Corona Virus and various related conspiracies posts in English language)

Dataset (a) is free to use for academic purposes. The use of datasets (b) and (c) also requires two additional usage agreements (1) Individual Agreement Form, and (2) Organization Agreement Form. You will receive information from the task organizers, who will send you the agreements and ask you to return them separately as scanned .pdf files.

Annotations are released for research under the CC BY 4.0 license. When downloading tweets by the means of the distributed Tweet IDs, users have to be compliant with Twitter's Developer Agreement and Policy
(https://developer.twitter.com/en/developer-terms/agreement-and-policy).

Any use of the dataset will be accompanied by the citation of the following papers:

Pogorelov, K., Schroeder, D.T., Filkuková, P., Brenner, S. and Langguth, J., 2021, October. WICO Text: A Labeled Dataset of Conspiracy Theory and 5G-Corona Misinformation Tweets. In Proceedings of the 2021 Workshop on Open Challenges in Online Social Networks (pp. 21-25).

Schroeder, D.T., Schaal, F., Filkukova, P., Pogorelov, K. and Langguth, J., 2021, February. WICO Graph: A Labeled Dataset of Twitter Subgraphs based on Conspiracy Theory and 5G-Corona Misinformation Tweets. In ICAART (2) (pp. 257-266).

Signature_____

(sign here if participating in the **FakeNews Detection: Corona Virus and Conspiracies Multimedia Analysis Task** to indicate you have read and accepted the task specific conditions)

Medical Multimedia Task: Transparent Tracking of Spermatozoa

(Data: VISEM (https://datasets.simula.no/visem-tracking), + manually annotated data)

The data is free to use for academic purposes. No patient identifiable data is included. All study participants gave consent to using the data for research. Data is anonymized following the Norwegian and European data protection regulations (fully anonymized, no key lists are available).

Any use of the dataset will cite the following paper:

Trine B. Haugen, Steven A. Hicks, Jorunn M. Andersen, Oliwia Witczak, Hugo L. Hammer, Rune Borgli, Pål Halvorsen, and Michael Riegler. 2019. VISEM: a multimodal video dataset of human spermatozoa. In Proceedings of the 10th ACM Multimedia Systems Conference (MMSys '19). Association for Computing Machinery, New York, NY, USA, 261–266. https://doi.org/10.1145/3304109.3325814

Signature_____

(sign here if participating in the **Medical Multimedia Task: Transparent Tracking of Spermatozoa** to indicate you have read and accepted the task specific conditions)

MUSTI - Multimodal Understanding of Smells in Texts and Images

(Data: The MUSTI dataset consists of copyright-free texts and images. Texts are in English, German, Italian, and French and are selected from open repositories such as Project Gutenberg, Europeana, Royal Society Corpus, Deutsches Textarchiv, Gallica, and the Italian Novel Collection. The images are selected from different archives such as RKD, Bildindex der Kunst und Architektur, Museum Boijmans, Ashmolean Museum Oxford, Plateforme ouverte du patrimoine.)

Any use of the dataset will cite the following papers

Stefano Menini, Teresa Paccosi, Serra Sinem Tekiroglu and Sara Tonelli. 2022. Building a Multilingual Taxonomy of Olfactory Terms with Timestamps. Proceedings of 13th International Conference on Language Resources and Evaluation. (LREC 2022).

Stefano Menini, Teresa paccosi, Sara Tonelli, Marieke van Erp, Inger Leemans, Pasquale Lisena, Raphael Troncy, William Tullett, Ali Hürriyetoğlu, Ger Dijkstra, Femke Gordijn, Elias Jürgens, Josephine Koopman, Aron Ouwerkerk, Sanne Steen, Inna Novalija, Janez Brank, Dunja Mladenic, Anja Zidar (2022). A Multilingual Benchmark to Capture Olfactory Situations over Time. To appear at 3rd International Workshop on Computational Approaches to Historical Language Change 2022 (LChange'22)

Zinnen, Mathias, Madhu, Prathmesh, Kosti, Ronak, Bell, Peter, Maier, Andreas, & Christlein, Vincent. (2022). Odeuropa Dataset of Smell-Related Objects (1.0.3) [Data set]. Zenodo. https://doi.org/10.5281/zenodo.6367776

Signature_____

(sign here if participating in the **MUSTI - Multimodal Understanding of Smells in Texts and Images** to indicate you have read and accepted the task specific conditions)

NewsImages
(Data: We have collected a set of news articles with the help of different sources including GDELT, RSS and NewsAPI feeds, and Twitter. The data set contains both textual and visual information in the form of images.)

The participating organization guarantees to uphold and comply with the MediaEval terms that restrict the usage of data to research purposes. The data must not be used commercially. The organization confirms that they will delete instances (article texts or images) upon request by the copyright holder. The organization acknowledges that data must not be shared with third parties or non-registered users. The organization will respect the naming rights of copyright holders. In particular, the data coming from GDELT can be used when naming the data source.

Signature_____

(sign here if participating in the **NewsImages** to indicate you have read and accepted the task specific conditions)

Njord: Fishing Trawler Video Analytics Task
(Data: Njord fishing vessel dataset and additional videos for test data)

The data is publicly available, and no agreement/license is needed.

Any use of the dataset will cite the following paper:

Tor-Arne Schmidt Nordmo, Aril Bernhard Ovesen, Bjørn Aslak Juliussen, Steven Alexander Hicks, Vajira Thambawita, Håvard Dagenborg Johansen, Pål Halvorsen, Michael Alexander Riegler, and Dag Johansen. 2022. Njord: A Fishing Trawler Dataset. In Proceedings of the 13th ACM Multimedia Systems Conference (MMSys '22).

Signature_____

(sign here if participating in the **Njord: Fishing Trawler Video Analytics Task** to indicate you have read and accepted the task specific conditions)

Predicting Media Memorability
(Data: Memento10K dataset and VideoMem dataset. Both datasets contain video excerpts together with human scores of memorability. EEG signals dataset. The EEG signals dataset contains EEG signals (raw and with features extracted) from participants watching videoclips from the Memento10K dataset together with a label reflecting whether the video was successfully encoded in memory or not (annotations 24-72 hours post-EEG data recording)

The Memento10K dataset (http://memento.csail.mit.edu/) is publicly available under an R&D License. The use of this data for any other use than research and/or the redistribution to any third party is strictly prohibited. By downloading the video dataset (i.e., data from Memento10k, including videos, images, audio recordings and caption transcriptions), you agree to the following terms:

1. You will use the data only for non-commercial research and educational purposes.
2. You will NOT distribute the Datasets or any parts thereof, nor copy any of the images, videos, tags or text onto a public site or social media of any kind.
3. Massachusetts Institute of Technology and contributors to the Memento10k dataset make no representations or warranties regarding the dataset, including but not limited to warranties of non-infringement or fitness for a particular purpose.
4. You accept full responsibility for your use of the datasets and accept all liability and risks associated with its use, including but not limited to your use of any copies of copyrighted videos or images that you may create from the datasets.
5. You will treat people and animals appearing in this data with respect and dignity.
6. This data comes with no warranty or guarantee of any kind, and you accept full liability.

The VideoMem dataset (https://www.interdigital.com/data_sets/video-memorability-dataset) is publicly available under an R&D license. Part of the dataset was derived from video footage distributed by the company VideoBlocks and licensed to InterDigital. Non-commercial entities are granted access to this part of the dataset under the herein license. The use of such excerpt for any other use than research and/or the redistribution to any third party of such excerpt is strictly prohibited.

Features: The dataset for this task might be accompanied by automatically extracted low-level features. These features must be used in compliance with the usage conditions set out in the main usage agreement (above). Features are provided on an as-is basis with no guarantee of any kind.

Any use of the Memento10K dataset will be accompanied by the citation of the following paper:

Newman, A., Fosco, C., Casser, V., Lee, A., McNamara, B., & Oliva, A. (2020, August). Multimodal memorability: Modeling effects of semantics and decay on video memorability. In European Conference on Computer Vision (pp. 223-240). Springer, Cham.

Any use of the VideoMem dataset will be accompanied by the citation of the following paper:

R. Cohendet, C.-H. Demarty, N. Q. Duong and M. Engilberge. VideoMem: Constructing, Analyzing, Predicting Short-term and Long-term Video Memorability. ICCV 2019.

You understand that the video media used for this task must be used in accordance with the terms of release of the original dataset.

By downloading the EEG signals dataset, you agree to the following terms:

1. You will use the data only for non-commercial research and educational purposes.
2. You will NOT distribute the Datasets or any parts thereof, nor copy any of the images, videos, tags or text onto a public site or social media of any kind.
3. Contributors to the dataset make no representations or warranties regarding the dataset, including but not limited to warranties of non-infringement or fitness for a particular purpose.
4. You accept full responsibility for your use of the datasets and accept all liability and risks associated with its use.
5. This data comes with no warranty or guarantee of any kind, and you accept full liability.

Features: The dataset for this task might be accompanied by automatically extracted features extracted from the EEG recordings to facilitate use by those without a background in signal processing and/or dealing with neural recordings. These features must be used in compliance with the usage conditions set out in the main usage agreement (above). Features are provided on an as-is basis with no guarantee of any kind.

Signature_____

(sign here if participating in the **Predicting Media Memorability** to indicate you have read and accepted the task specific conditions)

Sport Task: Fine Grained Action Detection and Classification of Table Tennis Strokes from videos

(Data: The data comes from the TTStroke-21 dataset comprising videos of table tennis games performed by athletes and their annotations under the form of xml files.)

For this task, in addition to the usage agreement for the MediaEval 2022 Research Collections, a specific data usage agreement provided by University of Bordeaux has to be accepted electronically by task participants. You will receive information from the task organizers about this agreement. The data will be made available only after this acceptance. This agreement will be provided by the task organizers once this General Agreement has been signed and returned.

Signature_____

(sign here if participating in the task **Sport Task: Fine Grained Action Detection and Classification of Table Tennis Strokes from videos**)

SwimTrack: Swimmers and Stroke Rate Detection in Elite Race Videos

(Data: The data come from the NePTUNE research project of recorded videos from live swimming competitions)

By accepting the usage agreement, participants agree to use the dataset for non-commercial research and educational purposes. Making the dataset (or a part) public is strictly prohibited.

The use of the dataset from the task 3 "Cameras registration" should be accompanied by a citation to the following paper:

Jacquelin, N., Vuillemot, R., Duffner, S. (2022). Detecting Swimmers in Unconstrained Videos with Few Training Data. In: Brefeld, U., Davis, J., Van Haaren, J., Zimmermann, A. (eds) Machine

Learning and Data Mining for Sports Analytics. MLSA 2021. Communications in Computer and Information Science, vol 1571. Springer, Cham.
https://doi.org/10.1007/978-3-031-02044-5_12

Signature_____

(sign here if participating in the **SwimTrack: Swimmers and Stroke Rate Detection in Elite Race Videos** to indicate you have read and accepted the task specific conditions)

Urban Air Quality

(Data: Data comes from the website of Dalat University, Vietnam. This website hosts the data coming from 10 air pollution stations, 3 weather stations, and many camera from CCTVs system)

The use of the data or an excerpt is strictly non-commercial. Any use other than research and/or the redistribution to any third party is strictly prohibited.

Any use of the Urban Air Quality dataset will be accompanied by the citation of the following paper:

Tuan-Vinh La, Minh-Son Dao, Kazuki Tejima, Rage Uday Kiran, Koji Zettsu: Improving the Awareness of Sustainable Smart Cities by Analyzing Lifelog Images and IoT Air Pollution Data. IEEE BigData 2021: 3589-3594

Signature_____

(sign here if participating in the **Urban Air Quality** to indicate you have read and accepted the task specific conditions)

MediaEval 2022 contact point:

Martha Larson, Institute for Computing and Information Sciences, Radboud University, Toernooiveld 212 6525 EC Nijmegen, Netherlands mlarson@science.ru.nl

For a complete list of organizers please see the task pages on the website https://multimediaeval.github.io/editions/2022/