Usage Agreement
for the MediaEval 2018 Research Collections

Please fill out this form and return it following the instructions that are given at the bottom of the last page. On pages 1-2 (this page and the next), mark the box next to the task or tasks that you have registered to participate in. 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.

If you are participating in one of these tasks, additional paperwork is required. You will receive this information from your task organizers:

- Emotional Impact of Movies task
- Human Behavior Analysis Task: No-audio Multimodal Speech Detection in Crowded Social Settings

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.

[ ] **Multimedia Satellite Task: Emergency Response for Flooding Events** The purpose of this task is to combine the information inherent in satellite images and social multimedia content in order to provide a more comprehensive view of disaster events. In 2018, we will again focus on flooding. The task involves two subtasks: "Flood classification for social multimedia" and "Flood detection in satellite images". Participants receive data and are required to train classifiers.

[ ] **Medico Multimedia Task:** The goal of the task is efficient processing of medical multimedia data for disease prediction. Participants are provided with images and videos of the human gastrointestinal tract, and are required to develop classifiers that minimize the necessary resources. A further innovation is the exploratory subtasks on automatic report generation.

[ ] **AcousticBrainz Genre Task: Content-based music genre recognition from multiple sources:** In this task, participants are provided with a rich set of features that have been extracted from a very large collection of music tracks, and are asked to create a system that can automatically assign genre labels to the tracks. They are provided with ground truth genre labels from multiple genre trees each representing a different genre class space. The larger goal of the task is to understand how genre classification can explore and address the subjective and culturally-dependent nature of genre categories.

[ ] **Emotional Impact of Movies Task:** In this task, the goal is to elaborate systems designed to predict the emotional impact of movies.The task involves two subtasks: (1) predicting induced valence and arousal scores continuously along movies, and (2) predicting beginning and ending times of sequences inducing fear in movies. The training data will consist of Creative Commons-licensed movies (professional and amateur) together with human annotations of valence, arousal and fear. The results on a test set will be evaluated using standard evaluation metrics.

[ ] **Predicting Media Memorability Task:** The purpose of this task is the automatic prediction of multimedia content memorability. For the task, participants will be provided with extensive datasets of multimedia content (images and/or videos) associated with memorability annotations and with pre-extracted state-of-the-art visual features. The corresponding ground truth consists of objective measures of memory performance and had been collected through recognition tests.

[ ] **Human Behavior Analysis: No-Audio Multi-Modal Speech Detection in Crowded Social Settings:** This task focuses on analysing one of the most basic elements of social behavior: the detection of speaking turns. Unlike traditional tasks that have used audio to do this, here the idea is to leverage the body movements (i.e., gestures) that are performed during speech production and that are captured from video and/or wearable acceleration and proximity.

[ ] **GameStory: Video Game Analytics Challenge:** In this task we encourage participants to think up and investigate ways to summarize how e-sport matches ramp up, evolve and play out over time. Instead of iterating highlights, the summary needs to present an engaging and captivating story, which boils down the thrill of the game to its mere essence. Training and test data for the task are provided in cooperation with ZNIPE.TV, which is a rapidly growing platform for e-sport streaming. Participants are asked to create a specific number of summaries, which are evaluated by an expert panel.

[ ] **Recommending Movies Using Content: Which content is key?**: This task explores ways in which multimedia content is useful for movie recommendation. Participants are supplied with features from trailers and scenes (audio, visual and textual modalities) corresponding to a subset of the movies in the well-known MovieLens 20M data set. The goal of the task is to predict average rating and rating variance. The emphasis will be on exploiting features derived from trailers and selected movie scenes.

[ ] **Pixel Privacy Task:** This task is dedicated to creating technology that invisibly changes or visibly enhances images in such a way that it is no longer possible to automatically infer the location at which they were taken. Participants receive a set of images (representative of images shared on social media) and are required to enhance them. The enhancement should achieve two goals: (1) Protection and (2) Appeal.

[ ] **NewsREEL Multimedia: News recommendation with image/text content:** The goal of this task is to gain insight into the relationship between images accompanying news articles, and the number of times these articles are clicked by users. The task is a multimedia-related spinoff of the independent NewsREEL challenge, which allows researchers to test news recommendation algorithms online in real world conditions.

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>_ME2018UA.pdf (add your organization name at the end of the filename for multi-organization teams)***
- *Return the form as an attachment to martha.larson+me18agree@gmail.com (do not use this email for any other purpose)*
- ***Please give your email the subject line: <teamname> ME2018UA***

Team name used in MediaEval 2018 (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 audio-visual content and associated data including extracted features, automatically generated metadata, manually generated metadata, 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.

Copyright

1. This clause (points 1-4) applies to tasks that crawl audio-visual content from the Internet that is associated with a Creative Commons (cf. http://creativecommons.org) license. Every possible measure has been taken to ensure that the association with a Creative Commons license is a valid one. However, the MediaEval 2018 organizers cannot fully guarantee that these collections contain absolutely no audio-visual content without a Creative Commons license. Such content could potentially enter the collection if it was not correctly marked on the site from which it was collected.

2. The MediaEval 2018 organizers declare any social metadata contained in the Information has been at some time made publicly available on the Internet.

3. Owners of copyright for elements contained in the Information may choose to request deletion of these elements from the Information.

4. The limitation on permitted use contained in the following section is intended to reduce the risk of any action being brought by copyright owners, but if this happens the Organization agrees to bear all associated liability.

Permitted Uses

1. The Information may only be used for research and development of multimedia and information retrieval systems.

2. Summaries, analyses and interpretations of the linguistic properties of the Information may be derived and published, provided it is not possible to reconstruct the Information from these summaries.

3. Small excerpts of the Information may be displayed to others or published in a scientific or technical context, solely for the purpose of describing the research and development carried out and related issues. The name of the Information's owner must be clearly identified in writing at the time of disclosure of the Information and/or in publication. In the case of the Creative Commons data, the "licensor" (cf. http://creativecommons.org/licenses) must be acknowledged.

Own Assessment of Information Use

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

The MediaEval 2018 organizers do not make any warranties or representations, whether expressed or implied or statutory, of any kind with respect to their Information, including without limitation:

1. that the Information is suitable for any particular purpose
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3. as to the accuracy, reliability or content of the Information
4. of the absence of any infringement of any proprietary right (including, without limitation, IPRs, trade secret rights and right over confidential information) of third parties by the use of such Information

The Organization shall in any case bear the entire risk of any consequences that may arise from the use to which it, or to which any person that it directly or indirectly permits or allows to use such Information, puts such Information.

The Information's owner shall not have any liability in respect of the infringement of any patent or other right of any third party resulting from any other Organization exercising any of the permitted uses granted under this agreement.

No Information owner makes any representation or warranty, express or implied, other than as expressly stated in this Agreement.

The Organization agrees and acknowledges that the Information's owners shall not be held responsible, alone or jointly and severally, for any loss, damage or injury resulting from the use made by Organization of their respective Information.

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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:

1. The MediaEval Organizers
2. the owner of copyright for a particular element

Access to the Information by Individuals:

The Organization:

1. must control access to the Information by individuals and may only grant access to people working under its control, i.e., its own members, consultants to the Organization, or individuals providing service to the Organization.
2. remains responsible for any breach of this access restriction by individuals under its control.

Termination

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 2018 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)

MediaEval 2018 Organizers are represented by:

Dr. Martha Larson, Multimedia Computing Group, Intelligent Systems Department, Electrical Engineering, Mathematics and Computer Science, Delft University of Technology, Van Mourik Broekmanweg 6, 2628 XE Delft, Netherlands (m.a.larson@tudelft.nl)

For a complete list of organizers please see the website: http://www.multimediaeval.org

Multimedia Satellite Task

(Flood Classification for Social Multimedia Dataset from Twitter under Creative Commons **(CC-NC-BY)***: Tweet-Ids with human annotations for passability of roads during flooding events; together with visual and content features.)*

Dataset: The dataset was derived from Twitter. When downloading tweets by means of the distributed Tweet-Ids, users have to abide by Twitter's official Terms of Service [1] and the Developer Agreement and Policy [2].

Features: The data set for this task is accompanied by automatically extracted image/content 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 guaranty of being correct.

(Flood Detection in Satellite Images Dataset under Copyright/Creative Commons Non-Commercial (**CC-NC-BY***): Satellite Images of floodings)*

Dataset: This dataset was derived from the satellite data of Planet [3] as underlying datasource. Non-commercial entities are granted access to this dataset under the CC-NC-BY license. The licence does not allow sharing of derivative products; if however these products are mentioned in any blog or report, there is the requirement that Planet is to be acknowledged as an underlying source of data.

The dataset will also contain modified Copernicus Sentinel data 2014/2015/2016 for Sentinel data. The data is governed by the Legal Notice on the use of Copernicus Sentinel Data and Service Information [4] and participants have to abide by ESA's copyright term-conditions defined in [5]. All material that was published on the ESA Sentinel Online websites is protected by copyright and owned or controlled by ESA or the party credited as the provider of the content, software or other material. Copyright in the material must be recognised by an appropriate on-screen credit in a form such as "European Space Agency - ESA". If a remote sensing product is being used, the credit "produced from ESA remote sensing data" must be added, plus, if applicable, "image processed by (name of the institution as indicated on the Internet Server)".

Satellite images collected from NASA's Landsat satellites carry no copyright. Participants are to be requested to give proper attribution ("Landsat imagery courtesy of NASA Goddard Space Flight Center and U.S. Geological Survey" or "USGS/NASA Landsat") if mentioning in any blog or report.

Satellite images derived from DigitalGlobe's Open Data Program are released into the public domain under a Creative Commons 4.0 license.

References:

[1] Twitter - Terms of Service. https://twitter.com/en/tos
[2] Twitter - Developer Agreement and Policy. https://developer.twitter.com/en/developer-terms/agreement-and-policy
[3] Planet Team (2017). Planet Application Program Interface: In Space for Life on Earth. San Francisco, CA. https://api.planet.com.
[4] ESA - https://sentinel.esa.int/documents/247904/690755/Sentinel_Data_Legal_Notice
[5] ESA - https://scihub.copernicus.eu/twiki/do/view/SciHubWebPortal/TermsConditions

Signature_____

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

Medico: Medical Multimedia Task

(Data: Endoscopic images)

The data is collected using endoscopy equipment at Vestre Viken Health Trust (VV) in Norway. Furthermore, the images are carefully annotated by one or more medical experts from VV and the Cancer Registry of Norway (CRN).

The dataset consists of 4,000+ images, annotated and verified by medical doctors (experienced endoscopists), including 8+ classes of images showing anatomical landmarks, pathological findings and endoscopic procedures in the GI tract, i.e., 500+ images for each class. The anatomical landmarks are Z-line, pylorus and cecum, while the pathological finding includes esophagitis, polyps and ulcerative colitis. In addition we provide two set of images related to removal of polyps, the "dyed and lifted polyp" and the "dyed resection margins". The exact number of images and classes provided will be defined within the detailed task description available for the registered participants. The dataset consist of the images with different resolution from 720x576 up to 1920x1072 pixels, and it is organized in a way where they are sorted in separate folders named accordingly to the content. Some of the included classes of images have a green picture in picture illustrating the position and configuration of the endoscope inside the bowel that may support the interpretation of the image. The use of the dataset is restricted for research and educational purposes only. The use of the dataset for other purposes including commercial purposes is forbidden without prior written permission. When using the dataset, please cite:

Konstantin Pogorelov et al. 2017. Nerthus: A Bowel Preparation Quality Video Dataset. In Proceedings of the 8th ACM on Multimedia Systems Conference (MMSys'17), 170-174.

Konstantin Pogorelov et al. 2017. KVASIR: A Multi-Class Image Dataset for Computer Aided Gastrointestinal Disease Detection. In Proceedings of the 8th ACM on Multimedia Systems Conference (MMSys'17), 164-169.

Signature_____
(sign here if participating in the **Medico: Medical Multimedia Task** to indicate you have read and accepted the task specific conditions)

AcousticBrainz Genre Task: Content-based music genre recognition from multiple sources

(Data: audio features from AcousticBrainz database together with associated MusicBrainz Identifiers and genre annotations.)

The data set for this task includes:

- Automatically extracted audio/music features with the associated MusicBrainz Identifiers from the AcousticBrainz database
- Genre and subgenre annotations based on a number of online sources

The data is licensed under CC BY-NC-SA 4.0 license (Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International, https://creativecommons.org/licenses/by-nc-sa/4.0/), except for data extracted from the AllMusic database which is released for non-commercial scientific research purposes only. Any publication of results based on the data extracts of the AllMusic database must cite AllMusic as the source of the data.

Features: The data set for this task is accompanied by automatically extracted audio/music 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 guaranty of being correct.

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

Emotional Impact of Movies Task
(Data: Creative Commons-licensed movie scenes with human annotations of valence-arousal ratings.)

The data set for this task is the LIRIS-ACCEDE data set (liris-accede.ec-lyon.fr). It consists of Creative Commons-licensed movies (professional and amateur) together with human annotations of valence-arousal and fear ratings. It is accompanied by automatically extracted general purpose audio and visual content descriptors. 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 guaranty of being correct.

The use of this data set also requires an additional usage agreement, available on the website (liris-accede.ec-lyon.fr) or at http://liris-accede.ec-lyon.fr/files/EULA.pdf Please return this file as a scanned .pdf separately to the task organizers at the address: accede@liris.cnrs.fr

Signature_____

(sign here if participating in the **Emotional Impact of Movies Task** to indicate you have read and accepted the task specific conditions, and you will also sign the additional data usage agreement given by the task organizers.)

Predicting Media Memorability Task
(Data: video excerpts together with human scores of memorability.)

Dataset:
Specific conditions:

- Part of the dataset (as duly identified) was derived from video footage distributed by the company VideoBlocks and licensed to Technicolor. 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 conducted in the context of MediaEval 2018 and/or the redistribution to any third party of such excerpt is strictly prohibited.
- The dataset also contains the LaMem dataset (http://memorability.csail.mit.edu/download.html), as additional external and optional data (as duly identified).

Features: The data set 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.

In case of material (data or features) extracted from the LaMem dataset, any use of such material will be accompanied by the following mention: "*material extracted from LaMem dataset provided by the Massachusetts Institute of Technology – see "Understanding and Predicting Image Memorability at a Large ", Scale A. Khosla, A. S. Raju, A. Torralba and A. Oliva - International Conference on Computer Vision (ICCV), 2015 DOI 10.1109/ICCV.2015.275".*

A dataset paper, describing the dataset constructed for the Predicting Memorability Task, is under construction and will be soon published under arXiv (http://arxiv.org) and submitted to some scientific conference. Once accepted and/or published, the use of this dataset should cite this paper.

Signature_____

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

Human Behavior Analysis Task: No-Audio Multi-Modal Speech Detection in Crowded Social Settings

(Data: Video data of conversations with the accompanying sensor data from a wearable device.)

The use of this data set also requires an additional usage agreement, available at https://matchmakers.ewi.tudelft.nl/matchnmingle/pmwiki/eula.pdf Please return this file as a scanned .pdf separately to the task organizers at: L.C.CabreraQuiros@tudelft.nl

Signature_____

(sign here if participating in the **Human Behavior Analysis Task: No-Audio Multi-Modal Speech Detection in Crowded Social Settings** to indicate you have read and accepted the task specific conditions, and you will also sign the additional data usage agreement given by the task organizers.)

GameStory: Video Game Analytics Challenge

(Data: e-sport streaming data*)*

The use of this data is also subject to the terms and conditions outlined on the task web page.

Signature_____

(sign here if participating in the **GameStory: Video Game Analytics Challenge** to indicate you realize that the conditions for the use of the data will be published on the task web page) _____

Recommending Movies Using Content: Which content is key?

(Data: List of URLs, corresponding visual features.)

MediaEval 2018 RecSys4Content Task dataset consists: of YouTube URLs as well as summarizing statistics and metadata-based text features (all represented in numerical format) derived from MovieLens20M. Task participants who want to use the original metadata to address the task must download the MovieLens20M dataset separately https://grouplens.org/datasets/movielens/20m/

We also release features automatically extracted image/content features corresponding to this. 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 being correct.

When using the MediaEval 2018 RecSys for Content Task dataset, it is necessary to cite the following two papers:

Harper, F Maxwell and Konstan, Joseph A. 2016. The movielens datasets: History and context. ACM Transactions on Interactive Intelligent Systems (TiiS) 5, 4, (2016), 19.

Deldjoo, Yashar and Constantin, Mihai Gabriel and Schedl, Markus and Ionescu, Bogdan and Cremonesi, Paolo. 2018. MMTF-14K: A Multifaceted Movie Trailer Feature Dataset for Recommendation and Retrieval, Proceedings of the 9th ACM Multimedia Systems Conference, MMSYS 2018.

(The MediaEval 2018 RecSys for Content Task dataset data set includes a subset of the MMTF-14K.)

Signature_____

(sign here if participating in the **Recommending Movies Using Content: Which content is key?** to indicate you have read and accepted the task specific conditions)

Pixel Privacy Task

(Data: Annotations associated with image material drawn from publically available datasets.)

We understand that the image material used for this task must be used in accordance with the terms of release of the original datasets.

Signature_____

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

NewsREEL Multimedia: News recommendation with image/text content

(Data: Feature and interaction data covering a period of six weeks.)

The data cover a period of six weeks for a selection of five publishers. There are 51397 images related to articles during this period. These distribute unequally with one publisher accounting for 42003 images. In addition, we provide a total of 1691 unique labels assigned by seven automatic annotators trained on ImageNet. The data set is approximately 8.6GB size. We observe a total of about 142 million impressions, 206 million recommendations, and 790 thousand clicks.

Agreement between plista GmbH Torstraße 33- 35 10119 Berlin Germany and the downloading party (task participant):

1. plista allows certain interested parties to download the "plista dataset". For the usage and handling of this dataset the following rules must be accepted. By accepting this agreement the party warrants and represents that:

1. Neither the dataset itself, nor single information based or extracted from the dataset are passed to any third party. For any third- party disclosure a prior permission is necessary.
2. Usage of the dataset is exclusively for scientific purposes
3. The party does not infringe any applicable rights of plista or those of third parties e.g., but without limitation, copyrights, rights of trademarks or to a name
4. Any publication of results that derive out of scientific analysis of the "plista dataset" will only be of scientific purpose and will not pursue any other objective. Any publication will be made only in compliance with applicable data protection laws and follows the principle of data minimization.
5. The dataset has to be referred to as "plista dataset" in scientific publications.
6. If contestants use the server made available by plista, contestants guarantee that they will only use the provided server for purposes of the challenge and will refrain from any usage that is not associated with the challenge. Any action on the server that is not associated with the challenge or the bare attempt to use it for any other purpose and any misuse will lead to the exclusion of the challenge. plista makes no warranties as to server availability. plista also reserves the right to assert claims of damage.

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3. To the maximum extent permitted by law the party agree that plista is held harmless at all times from and against any liability, claims, demands, losses, damages, costs and

expenses resulting from any act, default or omission of the party and/or breach of any warranty set forth herein.

4. By signing on the line below in this this agreement, the downloading party accepts this agreement.

5. Downloading and usage of the "plista dataset" is only allowed if this agreement is accepted.

6. This agreement shall be governed by German law with the exception of the United Nations Convention on Contracts for the International Sale of Goods (CISG) and the International Private Law (IPR). If legally permitted the parties agree on the exclusive jurisdiction of the local courts in Berlin in respect of any disputes arising out of or in connection with this agreement.

Signature_____

(sign here if participating in the **NewsREEL Multimedia: News recommendation with image/text content** to indicate you have read and accepted the task specific conditions)

_____

Please follow these directions to submit this form. These are the same instructions as above, repeated here for convenience (and because they are important!)

- *Print, sign, and scan the whole form into a single .pdf file*
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- *Return the form as an attachment to martha.larson+me18agree@gmail.com (do not use this email for any other purpose)*
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Thanks for following the directions exactly, it helps us to cut the administrative overhead, and get the data released to you more quickly. Best of success at MediaEval 2018.