



Science Meeting – Scientific Report

The scientific report (WORD or PDF file - maximum of seven A4 pages) should be submitted online within two months of the event. It will be published on the ESF website.

Proposal Title: MediaEval 2014 Multimedia Evaluation Workshop

Application Reference N°: 5542

1) Summary (up to one page)

MediaEval is a benchmarking initiative whose mission is to evaluate new algorithms for multimedia access and retrieval. It focuses on tasks that are related to human and social aspects of multimedia. A task is classified as having a human aspect if it involves modeling the variation in people's reception of multimedia content, including dependencies on context and intent. It is also important that the differing perceptions and interpretation that comprise this reception are not considered variability that must be controlled, but rather part of the underlying problem to be solved. A task has a social aspect if it develops technologies that support people in developing and communicating knowledge and understanding using multimedia content. MediaEval also emphasizes the 'multi' in multimedia, and focuses on content that involves multiple modalities including: spoken content, music, visual content, user-contributed tags and comments.

The MediaEval benchmark runs on an annual cycle culminating in a workshop that brings together researchers who participated in benchmark tasks to report on their findings, discuss their approaches, establish collaborations and plan future work. The MediaEval 2014 Workshop included presentations and posters from MediaEval participants, technical retreat breakouts dedicated to individual tasks, and an invited talk. The workshop took place in Barcelona, Catalunya, Spain, on Thursday-Friday 16-17 October 2013. The introductory slides to the workshop can be found at: <http://www.slideshare.net/multimediaeval/media-eval2014overview>

MediaEval is an evaluation benchmark, and shares its main goals with other evaluation initiatives, in that it makes it possible to carry out fair and systematic comparisons between different approaches to the individual tasks. Such comparisons facilitate tracking the progress of the development of algorithms over the state of the art.

MediaEval puts a special focus on fostering innovation in technical challenges, and task design and evaluation. Both the benchmark as a whole, and the workshop in particular are designed to help achieve this aim. Several mechanisms are used.

First, MediaEval fosters innovation by connecting its tasks to real-world use scenarios. The MediaEval annual cycle starts out by calling for new task proposals for the new evaluation year. Industrial and academic research labs that are working on a specific problem are encouraged to form a task organization team, and propose new MediaEval tasks.

Second, MediaEval also promotes innovation with a special track for “Brave New Tasks” that incubates new tasks, allowing them to gather critical mass and drawing them to the attention of the larger research community. A “Brave New Task” is selected to be offered by MediaEval, if the yearly MediaEval survey reveals that there is a base of interest within the community in working on the task.

Third, MediaEval helps researchers build on what others have already accomplished. Members of the community read each other’s work, and exchange recommended reading lists, as well as software implementations. In this way, the community avoids reinventing the wheel. Special emphasis is placed on welcoming students and early-career researchers into the community, providing them an opportunity to discuss their work, guiding them in the most promising directions, and encouraging them to become active members of the MediaEval community. In 2014, the support from ELIAS was critical to allow MediaEval to help students and early-career researchers to participate in the workshop.

2) Description of the scientific content of and discussions at the event (up to four pages)

The scientific content of the workshop focused on the 11 benchmarking tasks that were offered by MediaEval 2014. MediaEval puts special emphasis on making the results of the workshop publically available. Information that extends and completes this description of the scientific content of the workshop can be found at:

- Workshop webpage: <http://multimediaeval.org/mediaeval2014>
- Working notes proceedings of the workshop: <http://ceur-ws.org/Vol-1263>
- Workshop slides and posters: <http://www.slideshare.net/multimediaeval>

The benchmarking tasks that were offered in MediaEval were chosen by a community-wide survey in January 2014, and work on the selected tasks carried out through the summer. The working notes papers were submitted at the end of September, and then reviewed and revised expeditiously so that the Working Notes Proceedings was ready for the workshop.

The workshop was structured into a series of sessions, each dedicated to a single task. Each session began with an overview presentation, in which the organizers of the task presented the goals of the task, described the data sets, and summarized the results and findings. They selected individual participating teams made presentations of their work. The task organizers arranged the structure of their sessions to maximize the discussion of

the results, and the exposure of the key insights of the year. For this reason, some sections consist of very short talks, while others have longer talks. Many sessions also had a poster session in which all task participants presented posters of their work. The structure of the sessions can be seen in the “Program of the meeting” in Annex 4a.

The following tasks were offered at MediaEval 2014. Each task is presented with a short description. More information can be found by following the “Read more...” link to the task webpage.

Synchronization of multi-user Event Media (New!) This task required participants to automatically create a chronologically-ordered outline of multiple image galleries corresponding to the same event, where data collections are synchronized altogether and aligned along parallel lines over the same time axis, or mixed in the correct order. [Read more...](#)

C@merata: Question Answering on Classical Music Scores (New!) In this task, systems took as input a noun phrase (e.g. 'harmonic perfect fifth') and a short score in MusicXML (e.g. J.S. Bach, Suite No. 3 in C Major for Cello, BWV 1009, Sarabande) and returned an answer stating the location of the requested feature (e.g. 'Bar 206'). [Read more...](#)

Retrieving Diverse Social Images Retrieving Diverse Social Images Task. This task required participants to automatically refine a ranked list of Flickr photos with landmarks using provided visual and textual information. The objective was to select only a small number of photos that are equally representative matches but also diverse representations of the query. [Read more...](#)

Search and Hyperlinking This task required participants to find video segments relevant to an information need and to provide a list of useful hyperlinks for each of these segments. The hyperlinks point to other video segments in the same collection and should allow the user of the system to explore the collection with respect to the current information need in a non-linear fashion. The task focused on television data provided by the BBC and real information needs from home users. [Read more...](#)

QUESST: Query by Example Search on Speech Task The task involved searching FOR audio content WITHIN audio content USING an audio content query. This task is particularly interesting for speech researchers in the area of spoken term detection or low-resource speech processing. [Read more...](#)

Visual Privacy This task required participants to implement privacy filtering solutions that provide an optimal balance between obscuring information that personally identifies people in a video, and retaining information that allows viewers otherwise to interpret the video. [Read more...](#)

Emotion in Music (an Affect Task) We aimed at detecting emotional dynamics of music using its content. Given a set of songs, participants were asked to automatically generate continuous emotional representations in arousal and valence. [Read more...](#)

Placing: Geo-coordinate Prediction for Social Multimedia This task required participants to estimate the geographical coordinates (latitude and longitude) of multimedia items (photos, videos and accompanying metadata), as well as predicting how “placeable” a media item actually is. The Placing Task integrates all aspects of multimedia: textual meta-data, audio, image, video, location, time, users and context. [Read more...](#)

Affect Task: Violent Scenes Detection This task required participants to automatically detect portions of movies depicting violence. Participants were encouraged to deploy multimodal approaches (audio, visual, text) to solve the task. [Read more....](#)

Social Event Detection in Web Multimedia This task required participants to discover, retrieve and summarize social events, within a collection of Web multimedia. Social events are events that are planned by people, attended by people and for which the social multimedia are also captured by people. [Read more...](#)

Crowdsourcing: Crowdsorting Multimedia Comments (New!) This task sorted timed-comments added by users to music tracks on SoundCloud. Task participants were provided with a set of noisy labels collected from crowdworkers, and asked to generate a reliable prediction (consensus computation). Optionally, participants could make the prediction by combining crowd input with automatic music content analysis. [Read more...](#)

In addition to poster and oral presentations, the workshop also involved a great deal of discussion among the task organizers and the participants. Conventional workshop-type Q&A took place after the oral presentations and during the poster session. In 2014, the MediaEval Workshop introduced the innovation of the “Technical Retreat”. Similar in form to a breakout, this was a set time in which people who were interested in a particular task could leave the plenary meeting and go into a separate session to discuss results, plan future joint work, and discuss whether the task should be proposed again in the next year, and what form that it should take. The workshop participants reported that it was a useful organization form.

Although each task has different aspects that they discuss, there are some issues that are common to most or all tasks. The common issues arise both because all tasks are related to multimedia challenges, but also because of the dedication of the benchmark to pushing forward the state of the art. Here is a list of the key examples:

- The problem of developing evaluation metrics that are capable of capturing the success of an algorithm in dealing with a problem formulated within a specific use scenario. Here, in particular Query by Example Search on Speech Task.
- The problem of developing not only new algorithms, but also encouraging innovation with respect to features. An example of this was the Emotion in Music Task, which made a special effort to encourage the development of new features, and realized that it is challenging, cf. <http://www.slideshare.net/multimediaeval/overview-talk>
- New breeds of algorithms emerge across tasks, especially this year, Deep Learning was observed to grow in importance.

- Hybrid human machine computation methods drew interest, and methods predicting how well specific users could tag were important, especially in the Crowdsourcing Task and in the Retrieving Diverse Social Images Task.
- The importance of looking at the interaction of the effects of different technologies, for example, the impact of shot segmentation on hyperlinking cf. <http://www.slideshare.net/multimediaeval/0me14sh-task-overview>

The outcome of discussions are decisions to refine and re-run experiments carried out in 2014, for example, with the target of writing a joint paper, but also a compendium of questions to be addressed by future tasks, and a set of task design suggestions.

3) **Assessment of the results and impact of the event on the future directions of the field (up to two pages)**

MediaEval measures its impact in terms of the both quantitative and qualitative factors. The quantitative factors are the following:

- Number of tasks offered in 2014: 11
- Number of Working Notes papers written by participating teams in 2014: 77
- Total number of papers to date (working notes, workshop, conference, and journal) that have been written about or including MediaEval tasks or data sets: 469 <http://www.citeulike.org/group/16499> (this includes the entire benchmark, and not just 2014.)

The qualitative impact is measured in terms of:

- Invitations to present MediaEval:
 - G.J.F.Jones, MediaEval in 2014 - multimedia benchmarking initiative, CLEF 2014 Conference and Labs of the Evaluation Forum, Sheffield, U.K. (18th September 2014)
 - G.J.F.Jones, MediaEval in 2014 - multimedia benchmarking initiative, The Sixth International Workshop on Evaluating Information Access (EVIA 2014), Tokyo, Japan (7th December 2014)
- Accepted special sessions:
 - The “[Synergies of Speech and Multimedia Technologies](#)” at Interspeech 2014.
- Data set papers:
 - B. Ionescu, A. Popescu, M. Lupu, A. L. Ginsca, B. Boteanu, H. Müller, Div150Cred: A Social Image Retrieval Result Diversification with User Tagging Credibility Dataset, MMSys 2015 to appear cf. <http://www.mmsys.org/index.php/mmsys-2015-technical-program-2>

The MediaEval 2014 Workshop has provided a good basis for a strong year of MediaEval 2015. As of January 2015, we have received proposals for 13 MediaEval tasks, nine continuing tasks, and four new tasks. Interspeech 2014 has accepted our proposal to hold the MediaEval 2015 Workshop as a satellite event of Interspeech 2015, and this we anticipate will strengthen the relationship with the speech community, underlining the multimodal work that is done in MediaEval.

In 2014, Yahoo Labs released “[One Hundred Million Creative Commons Flickr Images For Research](#)”. This data set was used by the MediaEval Placing Task. Moving forward, this data set will be used also in MediaEval 2015. We hope that the number of companies and organizations that release data or propose tasks for the MediaEval multimedia workshop continues to grow.

- 4) Annexes 4a) and 4b): Programme of the meeting and full list of speakers and participants

Annex 4a: Programme of the meeting



MediaEval
Multimedia
Benchmark

16-17 October 2014
Reial Acadèmia de Bones Lletres
Barri Gòtic, Barcelona

MediaEval 2014 Workshop Program

Thursday 16 October

8:00-9:00 Registration

DAY 1: FIRST MORNING SESSION

9:00-9:15 Opening

9:15-10:15 Social Event Detection in Web Multimedia

Chair: Vasileios Mezaris, ITI-CERTH, Greece

(In parallel: Search and Hyperlinking Technical Retreat)¹

I. (10 min) Overview talk

Social Event Detection at MediaEval 2014: Challenges, Datasets, and Evaluation

(presenter: Georgios Petkos, ITI-CERTH, Greece)

II. (50 min) Participating teams' presentations

1. (10 min) Ranking Based Clustering for Social Event Detection

(presenter: Taufik Sutanto, Queensland University of Technology, Australia)

2. (10 min) LIMSI @ MediaEval SED 2014

(presenter: Antoine Laurent, LIMSI-CNRS, France)

3. (10 min) CERTH @ MediaEval 2014 Social Event Detection Task

(presenter: Georgios Petkos, ITI-CERTH, Greece)

4. (10 min) UPC at MediaEval 2014 Social Event Detection Task

(presenter: Daniel Manchon-Vizuete, Universitat Politècnica de Catalunya, Spain)

5. (10 min) Clustering and Retrieval of Social Events in Flickr

(presenter: Maia Zaharieva, Vienna University of Technology, Austria)

10:15-11:15 Social Event Detection poster session² and coffee (ThursAM)

¹ Technical retreats are presentations and discussions between participants, organizers, and people interested in the task. Topics: discussion of approaches, lessons learned, and ideas for the future of the task. Location will be announced by the task organizers.

² Look for other posters, which will be on display at the poster sessions as well. In this program, we list only the task that is the main focus of the poster session.

DAY 1: SECOND MORNING SESSION

11:15-12:15 C@merata: Question Answering on Classical Music Scores

Chair: Gareth Jones, DCU, Ireland

(In parallel: Social Event Detection Technical Retreat)

I. (30 min) C@merata Task Overview

The C@merata Task at MediaEval 2014: Natural Language Queries on Classical Music Scores

(presenter: Richard Sutcliffe, University of Essex, UK)

II. (10 min) Lightning videos

1. UNLP at the C@merata 2014 Task: Question Answering on Musical Scores

(Kartik Asooja, Insight Centre for Data Analytics, NUI Galway, Ireland)

2. TCSL at the C@merata 2014 Task

(Nikhil Kini, Tata Consultancy Services, Thane, India)

III. (20 min) Stravinsqi/De Montfort University at the MediaEval 2014 C@merata Task

(presenter: Tom Collins, De Montfort University, Leicester, UK)

12:15-12:45 QUESST (Part 1)

Chair: Luis-Javier Rodriguez Fuentes (University of the Basque Country UPV/EHU)

(In parallel: C@merata Technical Retreat)

I. (10 min) QUESST Overview

Query-by-Example Search on Speech Task: Task overview and results

(presenter: Xavier Anguera, Telefonica Research, Barcelona, Catalunya)

II. 20 min: Team presentations: block I

1. (10 min) BUT QUESST 2014 system description

(presenter: Igor Szöke, Brno University of Technology, Czech Republic)

2. (10 min) The NNI Query-by-Example System for MediaEval 2014 (10 min.)

(presenter: Haihua Xu, Nanyang Technological University, Singapore)

12:45-14:15 QUESST and C@merata poster session and lunch (ThursNoon)

(Please let the QUESST people get in line to first to be ready for the QUESST Quest)

13:15 QUESST quest (guided tour of the QUESST posters)

DAY 1: FIRST AFTERNOON SESSION

14:15-14:45 QUESST (Part 2)

Chair: Andi Buzo, Speed Research Laboratory, University Politehnica of Bucharest

II. (30 min) Team presentations: block II

1. (10 min) The SPL-IT Query by Example Search on Speech system for MediaEval 2014

(presenter: Jorge Proença, Instituto de Telecomunicações, Coimbra, Portugal & Electrical and Computer Eng. Department, University of Coimbra, Portugal)

2. (10 min) GTTS-EHU Systems for QUESST at MediaEval 2014

(presenter: Luis-Javier Rodriguez Fuentes (University of the Basque Country UPV/EHU, Leioa, Spain)

3. (10 min) CUHK System for QUESST Task of MediaEval 2014

*(presenter: Institute for Infocomm Research, A*STAR, Singapore, on behalf of Haipeng Wang, The Chinese University of Hong Kong)*

DAY 1: FIRST AFTERNOON SESSION (CONTINUED)

14:45-15:45 Violent Scenes Detection

Chair: Bogdan Ionescu (University Politehnica of Bucharest, Romania)

(In parallel: QUESST Technical Retreat, see final page for program)

I. (20 min) Violent Scenes Detection Task Overview

Violent Scenes Detection: Task Overview and Results

(presenter: Mats Sjöberg, University of Helsinki, Finland)

II. (40 min) Short presentations

1. TUB-IRML at MediaEval 2014 Violent Scenes Detection Task: Violence Modeling through Feature Space Partitioning
(presenter: Esra Acar, TU Berlin, Germany)
2. ViVoLab and CVLab - MediaEval 2014: Violent Scenes Detection Affect Task
(presenter: Diego Castán, University of Zaragoza, Spain)
3. RECOD at MediaEval 2014: Violent Scenes Detection Task
(presenter: Sandra Avila, University of Campinas, Brazil)
4. FAR at MediaEval 2014 Violent Scenes Detection: A Concept-based Fusion Approach
(presenter: Mats Sjöberg, University of Helsinki, Finland)
5. MIC-TJU at MediaEval Violent Scenes Detection (VSD) 2014
(presenter: task organisers)
6. Fudan-NJUST at MediaEval 2014: Violent Scenes Detection Using Deep Neural Networks
(presenter: task organisers)

15:45-16:45 Violence poster session and coffee (ThursPM)

DAY 1: SECOND AFTERNOON SESSION

16:45-17:45 Event Synchronization Task: Synchronization of Multi-User Event Media

Chair: Vasileios Mezaris (ITI-CERTH, Greece)

(In parallel: Violent Technical Retreat, see final page for program)

I. (10 min) Synchronization of Event Media Task Overview

Synchronization of Multi-User Event Media (SEM) at MediaEval 2014

(presenter: Nicola Conci, University of Trento, Italy)

II. (10 min) JRS at Event Synchronization Task

(presenter: Werner Bailer, Joanneum Research, Austria)

III. (10 min) Synchronizing Multi- User Photo Galleries with MRF

(presenter: Emanuele Sansone, University of Trento, Italy)

IV. (10 min) CERTH at MediaEval 2014 Synchronization of Multi-User Event Media Task

(presenter: Vasileios Mezaris, ITI-CERTH, Greece)

V. (10 min) Multimodal Synchronization of Image Galleries

(presenter: Maia Zaharieva, University of Vienna, Austria)

VI. (10 min) Discussion about the proposed solutions

DAY 1: SECOND AFTERNOON SESSION (CONTINUED)

17:45-18:45 Emotion in Music

Chair: Mohammad Soleymani (University of Geneva, Switzerland)

I. (20 min) Emotion in Music Task Overview:

Emotion in Music task at MediaEval 2014

(presenter: Anna Aljanaki, Utrecht University, Netherlands)

II. (40 min) Participating team's presentation

1. The Munich LSTM-RNN Approach to the MediaEval 2014 "Emotion in Music" Task
(presenter: Eduardo Coutinho, Technical University of Munich, Germany)

2. Music Emotion Tracking with Continuous Conditional Neural Fields and Relative Representation

(presenter: Vaiva Imbrasaitė, University of Cambridge, UK)

3. Dynamic music emotion recognition using State-Space models

(presenter: Konstantin Markov, University of Aizu, Japan)

4. MediaEval 2014: THU-HCSIL Approach to Emotion in Music Task using Multi-level Regression

(presenter: Mingxing XU, Tsinghua University, China)

18:45 Project and Practitioner Posters (ThursAp). An aperitif will be served.

20:00 Tour of the tower

21:00 Social Dinner in the Tinellet at the venue.

DAY 1: TECHNICAL RETREAT PROGRAM

14:45-15:45 QUESST Technical Retreat

in parallel with Violence

Chair: Igor Szöke (Brno University of Technology, Brno, Czech Republic)

1. IIIT-H System for MediaEval 2014 QUESST (5 min.)

(presenter: Santosh Kesiraju, International Institute of Information Technology-Hyderabad, India)

2. Speed @ MediaEval 2014: Spoken Term Detection with Robust Multilingual Phone Recognition (5 min.)

(presenter: Andi Buzo, Speed Research Laboratory, University Politehnica of Bucharest, Romania)

3. TUKE System for MediaEval 2014 QUESST Task (5 min.)

(presenter: Technical University of Košice, Košice, Slovakia)

4. ELiRF at MediaEval 2014: Query by Example Search on Speech Task (5 min.)

(presenter: Marcos Calvo, Universitat Politècnica de València, Spain)

5. Debriefing of this year's task and planning for next year

(presenter: Xavier Anguera, Telefonica Research, Barcelona, Catalunya)

Fri., 17 October

DAY 2: FIRST MORNING SESSION

9:00-9:15 Morning Announcements

9:15-10:15 Visual Privacy

Chair: Tomas Piatrik (Queen Mary University of London, UK)

(In parallel: Emotion in Music Technical Retreat)

I. (10 min) Visual Privacy Task Overview

Visual Privacy Task at MediaEval 2014

(presenter: Atta Badii, University of Reading, UK)

II. (40 min) Lightning presentations

1. Multi-Level Cartooning for Context-Aware Privacy Protection in Visual Sensor Networks

(presenter: Ádám Erdélyi, Alpen-Adria-Universität Klagenfurt, Austria)

2. TUB-IRML at MediaEval 2014 Visual Privacy Task: Privacy Filtering through Blurring and Color Remapping

(presenter: Esra Acar, Technische Universität Berlin, Germany)

3. TUB @ MediaEval 2014 Visual Privacy Task: Reversible Scrambling on Foreground Masks

(presenter: Esra Acar, Technische Universität Berlin, Germany)

4. Privacy Protection Filter using Shape and Color Cues

(presenter: Natacha Ruchaud, EURECOM, France)

5. MediaEval 2014 Visual Privacy Task: De-identification and Re-identification of Suspects in CCTV

(presenter: Cesar Pantoja, Queen Mary University of London, UK)

6. UNIZA @ MediaEval 2014 Visual Privacy Task: Object Transparency Approach

(presenter: Martin Paralič, University of Žilina, Slovakia)

7. MediaEval 2014 Visual Privacy Task: Context-Aware Visual Privacy Protection

(presenter: Ahmed Al-Obaidi, University of Reading, UK)

8. MediaEval 2014 Visual Privacy Task: Geometrical Privacy Protection Tool

(presenter: Pavel Korshunov, Ecole Polytechnique Federale de Lausanne, Switzerland)

III. (10 min) Q&A and Lessons Learned

(presenter: Pavel Korshunov and other organizing team members)

10:15-11:15 Visual Privacy poster session and coffee (FriAM)

GROUP PHOTO IN THE COURTYARD

DAY 2: SECOND MORNING SESSION

11:15-11:30 Invited Speaker

Sergio Escalera, Universitat de Barcelona, “ChaLearn Challenge and Workshop”

DAY 2: SECOND MORNING SESSION (CONTINUED)

11:30-12:30 Retrieving Diverse Social Images

Chair: Mats Sjöberg (University of Helsinki, Finland)

(In parallel: Visual Privacy Technical Retreat)

I. (20 min): Retrieving Diverse Social Images Task Overview:

Retrieving Diverse Social Images: Challenge, Dataset and Evaluation

(presenter: Bogdan Ionescu, University Politehnica of Bucharest, Romania)

II. (40 min): Lightning presentations

1. Ghent University-iMinds at MediaEval 2014 Diverse Images: Adaptive Clustering with Deep Features

(presenter: Baptist Vandersmissen, Ghent University, Belgium)

2. Recod @ MediaEval 2014: Diverse Social Images Retrieval

(presenter: Otávio Penatti, SAMSUNG Research Institute, Brazil)

3. A Unified Framework for Retrieving Diverse Social Images

(presenters: Maia Zaharieva, University of Vienna & Vienna University of Technology, Austria, Patrick Schwab, University of Vienna, Austria)

4. LAPI @ 2014 Retrieving Diverse Social Images Task: A Relevance Feedback Diversification Perspective

(presenter: Bogdan Boteanu, University Politehnica of Bucharest, Romania)

5. SocialSensor: Finding Diverse Images at MediaEval 2014

(presenter: Eleftherios Spyromitros-Xioufis, Information Technologies Institute & Aristotle University of Thessaloniki, Greece)

6. UNED @ Retrieving Diverse Social Images Task

(presenter: Ana García-Serrano, National Distance Education University, Spain)

7. TUW @ Retrieving Diverse Social Images Task 2014

(presenter: João Palotti, Vienna University of Technology, Austria)

8. PeRCeiVe Lab@UNICT at MediaEval 2014 Diverse Images: Random Forests for Diversity-based Clustering

(presenter: Concetto Spampinato, University of Catania, Italy)

9. CEA LIST's Participation at the MediaEval 2014 Retrieving Diverse Social Images Task

(presenter: Adrian Popescu, CEA, LIST, France)

10. Retrieval of Diverse Images by Pre-filtering and Hierarchical Clustering

(presenter: Duc Tien Dang Nguyen, University of Cagliari, Italy)

12:30-14:00 Retrieving Diverse Social Images poster session and lunch (FriNoon)

FIRST AFTERNOON SESSION

14:00-15:00 Search and Hyperlinking

Chair: Gareth Jones (DCU, Ireland)

(In parallel: Diverse Images Technical Retreat)

I. (20 min) Search and Hyperlinking Task Overview:

The Search and Hyperlinking Task at MediaEval 2014

(presenters: Maria Eskevich, DCU, Ireland; Roeland Ordelman, Sound and Vision, Netherlands)

II. (10 min) DCU Search Runs at MediaEval 2014 Search and Hyperlinking

(presenter: David Racca, DCU, Ireland)

III. (10 min) IRISA and KUL at MediaEval 2014: Search and Hyperlinking Task

(presenter: Anca-Roxana Simon, IRISA & INRIA Rennes, France)

IV. (10 min) CUNI at MediaEval 2014 Search and Hyperlinking Task

(presenter: Petra Galuscakova, Charles University in Prague, Czech Republic)

III. (5 min) Lightning presentations

1. LACS system analysis on retrieval models for the MediaEval 2014 Search and Hyperlinking Task

(presenter: Justin Chiu, CMU, USA)

2. DCU Linking Runs at MediaEval 2014: Search and Hyperlinking Task

(presenter: Shu Chen, DCU, Ireland)

3. JRS at Search and Hyperlinking of Television Content Task

(presenter: Werner Bailer, JOANNEUM RESEARCH – DIGITAL, Austria)

4. DCLab at MediaEval2014 Search and Hyperlinking Task

(presenter: Maria Eskevich, DCU, Ireland)

5. LinkedTV at MediaEval 2014 Search and Hyperlinking Task

(presenter: Benoit Huet, Eurecom, France)

15:00-16:00 Poster Session for Search and Hyperlinking and Placing (FriPM)

SECOND AFTERNOON SESSION

16:00-17:00 Placing: Multimodal Location Estimation

Chair: Bart Thomee (Yahoo Research, San Francisco, USA)

(Note that the placing Technical Retreat will take place right after the conclusion of the workshop)

I. (15 min) Placing Task Overview:

The Placing Task at MediaEval 2014

(presenter: Jaeyoung Choi, ICSI, USA)

II. (45 min) Participating team's presentations

1. Multimedia geocoding: the 2014 RECOD's approach

(presenter: Otávio Penatti, Institute of Computing, University of Campinas UNICAMP, Brazil)

2. TALP-UPC at MediaEval 2014 Placing Task: Combining Geographical Knowledge Bases and Language Models for Large-Scale Textual Georeferencing

(presenter: Daniel Ferrés, Universitat Politècnica de Catalunya, Barcelona)

3. SocialSensor at MediaEval Placing Task 2014

- (presenter: Giorgos Kordopatis-Zilos, CERTH-ITI, Thessaloniki, Greece)*
4. The 2014 ICSI/TU Delft Location Estimation System
(presenter: Jaeyoung Choi, ICSI, USA)
 5. USEMP at MediaEval Placing Task 2014
(presenter: Adrian Popescu, CEA, LIST, France)
 6. UQ-DKE's Participation at MediaEval 2014 Placing Task

17:00-18:00 Crowdsourcing: Crowdsorting Timed Comments about Music

Chair: Pavel Korshunov, EPFL, Switzerland

I. (20 min) Crowdsorting Task Overview:

Crowdsorting Timed Comments about Music

(presenter: Karthik Yadati, Delft University of Technology, Netherlands)

II. (15 min) Work Like a Bee - Taking Advantage of Diligent Crowdsourcing Workers

(presenter: Michael Riegler, Simula Research Lab AS, Norway)

III. (15 min) MediaEval 2014: a Multimodal Approach to Drop Detection in Electronic Dance Music

(presenter: Mohammad Soleymani, University of Geneva, Switzerland)

IV. (10 min) Discussion and outlook

18:00-18:30 Closing

After the closing of the workshop, there is a technical retreat for the Placing Task.

Then, on Saturday morning 10:00-13:00 there will be an organizers meeting. During this meeting, the task organizers debrief the workshop, and look forward to the coming year. Anyone interested in proposing a task or otherwise helping with task organization is invited to attend.

Annex 4b: Full list of speakers and participants

Esra Acar	TU Berlin
Ahmed Al-Obaidi	University of Reading
Anna Aljanaki	Utrecht University
XAVIER ANGUERA	Telefonica
Sandra Avila	University of Campinas
Atta Badii	University of Reading
Werner Bailer	Joanneum Research
Bogdan Boteanu	University Politehnica of Bucharest
Andi Buzo	University Politehnica of Bucharest
Marcos Calvo	Universitat Politècnica de València
Diego Castán Lavilla	Universidad de Zaragoza
Shu Chen	Dublin City University
Jaeyoung Choi	ICSI
Tom Collins	De Montfort University
Nicola Conci	University of Trento
Eduardo Coutinho	TU Munich
Dang Nguenyn Duc Tien	University of Cagliari
Adam Erdelyi	Alpen-Adria Universitaet Klagenfurt
Sergio Escalera	Universitat de Barcelona
Maria Eskevich	Dublin City University
Christian Fedorczak	Thales
Daniel Ferrés	Universitat Politècnica de Catalunya
Petra Galuscakova	Charles University in Prague
Ana Garcia-Serrano	UNED
Xavier Giro-i-Nieto	Universitat Politecnica de Catalunya (UPC)
Irene Gris-Sarabia	Universitat Politecnica de Catalunya (UPC)
Benoit Huet	Eurecom
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