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 Politecnica 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 session[2] and coffee (ThursAM)

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[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)

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)

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 ot 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 Imbrasaite, 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 QUESS 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

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)

11:15-11:30 Invited Speaker
Sergio Escalera, Universitat de Barcelona, "ChaLearn Challenge and Workshop"

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)

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)

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.