



18-19 October 2013
Reial Acadèmia de Bones Lletres
Barri Gòtic, Barcelona

Program MediaEval 2013 Workshop

October 18, 2013

8:00-9:00 Registration

DAY 1: FIRST MORNING SESSION

9:00–9:15 Opening

Brief words of welcome by Martha Larson and Gareth Jones

9:15–10:15 Search and Hyperlinking of Television Content

Chair: Maria Eskevich (Dublin City University, Ireland)

- I. (20 min.) Search and Hyperlinking Task overview:
The Search and Hyperlinking Task at MediaEval 2013
(presenter: Robin Aly, University of Twente, Netherlands)
- II. (10 min.) LinkedTV at MediaEval 2013 Search and Hyperlinking Task
(presenter: Benoit Huet, Eurecom, France)
- III. (10 min.) TOSCA-MP at Search and Hyperlinking of Television Content Task
(presenter: Werner Bailer, JOANNEUM RESEARCH – DIGITAL, Austria)
- IV. (10 min.) Short presentations
 1. DCU Linking Runs at MediaEval 2013: Search and Hyperlinking Task
(presenter: Shu Chen, Dublin City University, Ireland)
 2. UPC at MediaEval 2013 Hyperlinking Task
(presenter: Carles Ventura or Xavier Giro' I Nieto, Universitat Politècnica de Catalunya)
- V. (10 min.) Lightening presentations
Chair: Gareth Jones (Dublin City University, Ireland)
 1. CUNI at MediaEval 2013 Search and Hyperlinking Task
(presenter: Petra Galuščáková, Charles University in Prague, Czech Republic)
 2. Time-based Segmentation and Use of Jump-in Points in DCU Search Runs at the Search and Hyperlinking Task at MediaEval 2013
(presenter: Maria Eskevich, Dublin City University, Ireland)
 3. HITS and IRISA at MediaEval 2013: Search and Hyperlinking task
(presenter: Camille Guinaudeau, HITS, Germany)
 4. Idiap at MediaEval 2013: Search and Hyperlinking Task.
(presenter: Chidansh Bhatt, Idiap Research Institute, Switzerland)
 5. Ghent University-iMinds at MediaEval 2013: An Unsupervised Named Entity-based Similarity Measure for Search and Hyperlinking
(presenter: Tom De Nies, Ghent University, Belgium)
 6. A Unified, Modular and Multimodal Approach to Search and Hyperlinking Video
(presenter: John Preston, University of Southampton, UK)
 7. Searching and Hyperlinking using Word Importance Segment Boundaries in MediaEval 2013
(presenter: Robin Aly, University of Twente, Netherlands)

10:15–11:00 Posters and Coffee (Search and Hyperlinking Poster Session)

Chairs: Maria Eskevich and Robin Aly

DAY 1: SECOND MORNING SESSION

11:00–11:15 Invited Speaker

BBC R&D – Projects, Datasets and APIs

Jana Eggink, BBC, UK

11:15–12:15 Selecting similar segments of social speech

Chair: Roeland Ordelman, University of Twente, Netherlands

- I. (15 min.) Social Speech Task overview: The Similar Segments in Social Speech Task
(presenter: Nigel Ward, University of Texas at El Paso, USA)
- II. (30 min.) Short talks
 1. CUNI at MediaEval 2013: Similar Segments in Social Speech Task
(presenter: Petra Galuščáková, Charles University in Prague, Czech Republic)
 2. UWCL at MediaEval 2013: Similar Segments in Social Speech Task
(presenter: Gina-Anne Levow, University of Washington, USA)
 3. EIIRF at MediaEval 2013: Similar Segments in Social Speech Task
(presenter: Fernando Garcia, Universidad Politécnica Valencia, Spain)
 4. Evaluating Prosody-Based Similarity Models for Information Retrieval
(presenter: Steve Werner, University of Texas at El Paso, USA)
- III. (15 min.) Discussion led by Nigel Ward

12:15-12:45 Placing: Geo-coordinate Prediction for Social Multimedia (start)

Session Chair: Michele Trevisiol, Universitat Pompeu Fabra, Barcelona

- I. (15 min.) Placing Task overview: Working Notes for the Placing Task at MediaEval 2013
(presenter: Bart Thomee, Yahoo! Research Barcelona)
- II. (15 min.) Short talks
 1. CERTH at MediaEval Placing Task 2013
(presenter: Eleftherios Spyromitros-Xioufis, Aristotle University of Thessaloniki, Greece)
 2. Exploration of Feature Combination in Geo-visual Ranking for Visual Content-based Location Prediction
(presenter: Xinchao Li, Delft University of Technology, Netherlands)

12:45–14:00 Posters and Lunch (Placing Poster Session)

Chairs: Michele Trevisiol and Bart Thomee

DAY 1: FIRST AFTERNOON SESSION

14:00–14:30 Placing (continued)

Chair: Bart Thomee

- III. (30 min.) Short talks
 1. Identifying the Geographic Location of an Image with a Multimodal Probability Density Function
(presenter: Jamie Davies, University of Southampton, UK)
 2. CEA LIST's Participation at MediaEval 2013 Placing Task
(presenter: Adrian Popescu, CEA LIST, France)
 3. VIT@MediaEval 2013 Placing Task: Location Specific Tag Weighting for Language Model Based Placing of Images
(presenter: Krishna Chandramouli, VIT University, India)
 4. Multimodal image geocoding: the 2013 RECOD's approach
(presenter: Otávio Penatti, University of Campinas, Brazil)

DAY 1: FIRST AFTERNOON SESSION (CONTINUED)

14:30–15:30 Crowdsourcing

Chair: Luke Gottlieb (ICSI, USA)

- I. (15 min.) Crowdsourcing Task overview: Crowdsourcing for Social Multimedia at Mediaeval 2013: Challenges, Data set and Evaluation
(presenter: Babak Loni, Delft University of Technology, Netherlands)
- II. (10 min.) LIA @ MediaEval 2013 Crowdsourcing Task: Metadata or not Metadata? That is a Fashion Question
(presenter: Richard Dufour, University of Avignon, France)
- III. (10 min.) L3S at MediaEval 2013 Crowdsourcing for Social Multimedia Task
(presenter: Xiaofei Zhu, L3S Research Center, University of Hanover, Germany)
- IV. (10 min.) An investigation of techniques that aim to improve the quality of labels provided by the crowd
(presenter: Jonathon Hare, University of Southampton, UK)
- V. (10 min.) Frame the Crowd: Global Visual Features Labeling boosted with Crowdsourcing Information
(presenter: Michael Riegler, Klagenfurt University, Austria)

15:30–15:45 Spoken Web Search: Spoken Term Detection for Low Resource Languages (start)

Chair: Luis Javier Rodriguez-Fuentes, University of the Basque Country, Spain

- I. (15 min.) Spoken Web Search overview: The Spoken Web Search Task,
(presenter: Xavier Anguera, Telefonica Research, Barcelona)

15:45 – 16:30 Posters and Coffee (Spoken Web Search Poster Session)

Chair: Xavier Anguera

1. BUT SWS 2013 - Massive Parallel Approach
(presenter: Lucas Ondel, Brno University of Technology, Czech Republic)
2. The Telefonica Research Spoken Web Search System for MediaEval 2013
(presenter: Miroslav Skacel, Brno University of Technology, Czech Republic)
3. IIIT-H SWS 2013: Gaussian posteriorgrams of Bottle-Neck Features for Query-by-Example Spoken Term Detection
(presenter: Gautam Mantena, International Institute of Information Technology-Hyderabad, India)
4. The CUHK Spoken Web Search System for MediaEval 2013
5. The CMTECH Spoken Web Search System for MediaEval 2013
(presenter: Ciro Gracia, University of Pompeu Fabra, Barcelona)
6. TUKE at MediaEval 2013 Spoken Web Search Task
(presenter: Jozef Vavrek, Technical University of Kosice, Slovakia)
7. LIA @ MediaEval 2013 Spoken Web Search Task: An I-Vector based Approach
(presenter: Richard Dufour, University of Avignon, France)
8. UNIZA System for the Spoken Web Search Task at MediaEval2013
(presenter: Roman Jarina, University of Žilina, Slovakia)
9. ELIRF at MediaEval 2013: Spoken Web Search Task
(presenter: Emilio Sanchis, Universidad Politecnica Valencia, Spain)
10. Speed @ MediaEval 2013: A Phone Recognition Approach to Spoken Term Detection
(presenter: Horia Cucu, University Politehnica of Bucharest, Romania)
11. GTTS Systems for the SWS Task at MediaEval 2013,
(presenter: Luis Javier Rodriguez-Fuentes, Universidad del País Vasco)
12. The L2F Spoken Web Search system for Mediaeval 2013
(presenter: Alberto Abad, INESC-ID, Portugal)
13. Spoken Web Search using an Ergodic Hidden Markov Model of Speech

DAY 1: SECOND AFTERNOON SESSION

16:30–17:45 Spoken Web Search (continued)

Chair: Xavier Anguera

- II. (15 min.) GTTS Systems for the SWS Task at MediaEval 2013,
(presenter: Luis Javier Rodriguez-Fuentes, Universidad del País Vasco)
- III. (15 min.) The L2F Spoken Web Search system for Mediaeval 2013
(presenter: Alberto Abad, INESC-ID, Portugal)
- IV. (15 min.) BUT SWS 2013 - Massive Parallel Approach,
(presenter: Lucas Ondel, Brno University of Technology, Czech Republic)
- V. (15 min.) The CMTECH Spoken Web Search System for MediaEval 2013,
(presenter: Ciro Gracia, Universitat Pompeu Fabra, Barcelona)
- VI. (15 min.) Discussion and SWS 2014 teaser, Xavier Anguera

17:45–18:30 Retrieving Diverse Social Images

Chair: Gareth Jones

- I. (15 min.) Diverse Images overview: Retrieving Diverse Social Images at MediaEval 2013: Objectives, Dataset and Evaluation
(presenter: Bogdan Ionescu, University Politehnica of Bucharest, Romania)
- II. (30 min.) Lightening presentations
 1. SocialSensor: Finding Diverse Images at MediaEval 2013
(presenter: Eleftherios Spyromitros-Xioufis, Information Technologies Institute, Greece)
 2. LAPI @ Retrieving Diverse Social Images Task 2013: Qualitative Photo Retrieval using Multimedia Content
(presenter: Anca-Livia Radu, University Politehnica of Bucharest, Romania)
 3. Experiments in Diversifying Flickr Result Sets
(presenter: Jonathon Hare, University of Southampton, United Kingdom)
 4. CEA LIST's Participation at the MediaEval 2013 Retrieving Diverse Social Images Task
(presenter: Adrian Popescu, CEA LIST, France)
 5. ARTEMIS @ MediaEval 2013: A Content-Based Image Clustering Method for Public Image Repositories
(presenter: Andrei Bursuc, Télécom SudParis, France)
 6. Ghent University-iMinds at MediaEval 2013 Diverse Images: Relevance-Based Hierarchical Clustering
(presenter: Baptist Vandersmissen, Ghent University, Belgium)
 7. MUCKE Participation at Retrieving Diverse Social Images Task of MediaEval 2013
(presenter: Adrian Popescu, CEA LIST, France)
 8. UPMC at MediaEval 2013: Relevance by Text and Diversity by Visual Clustering
(presenter: Christian Kuoman, Université Pierre et Marie Curie, France)

18:30–20:00 Posters and Interaction (Diverse Social Images Poster Session and Project Posters)

Chairs: Bogdan Ionescu, Michele Trevisiol, Bart Thomee

During the poster session an aperitif will be served and also the guided tour of the Gothic Quarter will take place for those who have signed up. (It leaves from the front gate around 19.00.)

20:00–22:30 Social Dinner

October 19, 2013

DAY 2: FIRST MORNING SESSION

9:00–10:15 Violence Detection in Film

Chair: Bogdan Ionescu

- I. (15 min.) The MediaEval 2013 Affect Task: Violent Scenes Detection
(presenter: Claire-Hélène Demarty, Technicolor, France)
- II. (60 min.) Short presentations
 1. FAR @ MediaEval 2013: Concept-based Violent Scenes Detection in Movies
(presenter: Mats Sjöberg, Aalto University School of Science, Finland)
 2. VISILAB at MediaEval 2013: Fight Detection
(presenter: Ismael Serrano Gracia, VISILAB group, University of Castilla-La Mancha, Spain)
 3. TUDCL at MediaEval 2013 Affect Task: Objective Definition
(presenter: Shinichi Goto, Graduate School of Information, Tohoku University, Japan)
 4. The Vireo Team at Mediaeval2013: Violent Scenes Detection by Mid-level Concepts Learnt from YouTube
(presenter: Chun Chet Tan, Vireo Group, City University of Hong Kong, China)
 5. NII, Japan at MediaEval 2013 Violent Scenes Detection Affect Task
(presenter: Duy-Dinh Le, National Institute of Informatics, Japan)
 6. LIG at MediaEval 2013 Affect Task: Use of a Generic Method and Joint Audio-Visual Words
(presenter: Nadia Derbas, Laboratoire d'Informatique de Grenoble, France)
 7. Fudan at MediaEval 2013: Violent Video Scene Detection Using Motion Features and Part-Level Attributes
(presenter: Tan Chun Chet, CUHK, for Yu-Gang Jiang, Fudan University, China)
 8. Technicolor/INRIA team at the MediaEval 2013 Violent Scenes Detection Task
(presenter: Guillaume Gravier, Technicolor, France)

10:15–11:00 Posters and Coffee (Violent Scenes Detection Poster Session)

Chair: Markus Schedl, Johannes Kepler University, Austria

DAY 2: SECOND MORNING SESSION

11:00–11:15 Invited Speaker

Benchmarking Recommender Systems in a Living Lab

Frank Hopfgartner, Technische Universität Berlin, Germany

11:15–12:00 Soundtrack Selection for Commercials (MusiClef)

Chair: Mohammad Soleymani, Imperial College London, UK

- I. (10 min.) MusiClef overview: MusiClef 2013: Soundtrack Selection for Commercials
(presenter: Markus Schedl, Johannes Kepler University, Austria)
- II. (10 min.) MediaEval 2013: Soundtrack Recommendation for Commercials using Multimodal Latent Semantic Analysis
(presenter: Han Su, National Chengchi University, Taiwan)
- III. (10 min.) LIA @ MediaEval 2013 MusiClef Task: A Combined Thematic and Acoustic Approach
(presenter: Richard Dufour, University of Avignon, France)
- IV. (15 min.) Discussion

DAY 2: SECOND MORNING SESSION (CONTINUED)

12:00–12:45 Social Event Detection for Social Multimedia (start)

Chair: Vasileios Mezaris, CERTH-ITI, Greece

- I. (10 min.) Introduction to the SED task and datasets
(presenter: Timo Reuter, Universität Bielefeld, Germany)
- II. (25 min.) Lightning presentations
 1. Social Event Detection via sparse multi-modal feature selection an incremental density based clustering
(presenter: Sina Samangooei, University of Southampton, United Kingdom)
 2. CERTH @ MediaEval 2013 Social Event Detection Task
(presenter: Emmanouil Schinas, CERTH-ITI, Greece)
 3. UPC at MediaEval 2013 Social Event Detection Task
(presenter: Xavier Giro-I-Nieto, Universitat Politècnica de Catalunya, Spain)
 4. Event Clustering and Classification from Social Media: Watershed-based and kernel methods
(presenter: Emanuele Sansone, University of Trento, Italy)
 5. Unsupervised Clustering of Social Events
(presenter: Matthias Zeppelzauer, Vienna University of Technology, Austria)
 6. VIT@MediaEval 2013 Social Event Detection Task: Semantic Structuring of Complementary Information for Clustering Events
(presenter: Krishna Chandramouli, VIT University, India)
 7. MediaEval 2013: Social Event Detection, Retrieval and Classification in Collaborative Photo Collection
(presenter: Markus Brenner, Queen Mary University of London, UK)
- III. (10 min.) Supervised Clustering of Social Media Streams
(presenter: Martin Wistuba, University of Hildesheim, Germany)

12:45–13:45 Posters and Lunch (Social Event Detection Poster session)

Chairs: Vasileios Mezaris and Timo Reuter

12:45–14:00 Group photo in the courtyard

DAY 2: FIRST AFTERNOON SESSION

14:00–14:45 Social Event Detection for Social Multimedia (continued)

Chair: Vasileios Mezaris, CERTH-ITI, Greece

- I. (10 min.) Social Event Detection via sparse multi-modal feature selection an incremental density based clustering
(presenter: Sina Samangooei, University of Southampton, UK)
- II. (10 min.) UPC at MediaEval 2013 Social Event Detection Task
(presenter: Xavier Giro-I-Nieto, Universitat Politècnica de Catalunya, Spain)
- III. (10 min.) Event Clustering and Classification from Social Media: Watershed-based and kernel methods
(presenter: Emanuele Sansone, University of Trento, Italy)
- IV. (15 min.) Discussion and Conclusions led by Vasileios Mezaris

DAY 2: FIRST AFTERNOON SESSION (CONTINUED)

14:45–15:45 Visual Privacy: Preserving Privacy in Surveillance Videos (start)

Session Chair: Ahmed Al-Obaidi, University of Reading, UK

- I. (15 min.) Overview of the MediaEval 2013 Visual Privacy Task
(presenters: Tomas Piatrik, Queen Mary University of London and Atta Badii, University of Reading, UK)
- II. (30 min.) Short talks
 1. MediaEval 2013 Visual Privacy Task: Holistic Evaluation Framework for Privacy Co-Design and Impact Assessment
(presenter: Atta Badii, University of Reading, UK)
 2. MediaEval 2013 Visual Privacy Task: Physics-Based Technique for Protecting Privacy in Surveillance Videos
 3. MediaEval 2013 Visual Privacy Task: Pixel Based Anonymisation Technique
(presenter: Cesar Pantoja, Queen Mary University of London, UK)
 4. Serious Fun: Cartooning for Privacy Protection
(presenter: Ádám Erdélyi, Alpen-Adria Universität Klagenfurt, Austria)
 5. MediaEval 2013 Visual Privacy Task: Warping-based Privacy Protection Tool
(presenter: Pavel Korshunov, École polytechnique fédérale de Lausanne, Switzerland)
 6. DAI at the MediaEval 2013 Visual Privacy Task: Representing People with Foreground Edges
(presenter: Esra Acar, DAI Laboratory, Technische Universität Berlin, Germany)

15:45–16:30 Posters and Coffee (Visual Privacy Poster session)

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

DAY 2: SECOND AFTERNOON SESSION

16:30–17:00 Visual Privacy (continued)

Chair: Ahmed Al-Obaidi, University of Reading, UK

- I. (15 min.) MediaEval 2013 Visual Privacy Task: Using Adaptive Edge Detection for Privacy in Surveillance Videos
- TUB @ MediaEval 2013 Visual Privacy Task: Reversible Scrambling with colour-preservative Characteristic
(presenter: Sebastian Schmiedeke, Technische Universität Berlin, Germany)
- II. (10 min.) Shape and Color-aware Privacy Protection
(presenter: Andrea Melle, Eurecom, France)

17:00–17:45 Emotion in Music

Chair: Guillaume Gravier, IRISA, France

- I. (15 min.) Emotion in Music overview: MediaEval 2013 Brave New Task: Emotion in Music
(presenter: Mohammad Soleymani, Imperial College London, UK)
- II. (10 min.) Music emotion recognition using Gaussian Processes
(presenter: Konstantin Markov, University of Aizu, Japan)
- III. (10 min.) The TUM Approach to the MediaEval Music Emotion Task Using Generic Affective Audio Features
(presenter: Florian Eyben, TU Munich, Germany)
- IV. (10 min.) MIRUtrecht participation in MediaEval 2013: Emotion in Music task
(presenter: Anna Aljanaki, University of Utrecht, the Netherlands)

17:45–18:30 Awards and Closing