ACM Multimedia is the premier conference and worldwide event bringing together multimedia experts and practitioners across academia and industry. The central feature of the conference, which continues this year as in every year since its inception, is the outstanding Technical Program. This year’s conference features both oral and poster presentations covering all aspects of the multimedia field chosen through a highly selective review process. Notably, this year’s conference includes special Technical Program activities recognizing the 20th anniversary of ACM Multimedia.

In addition to the Technical Program, this year’s conference features a diverse range of activities including Panels, Demonstrations, and Tutorials. Additionally, a wide array of Workshops brings focus on new topics for investigation. The conference features also special sessions on Brave New Ideas, a Grand Challenge contest, an Open Source Software Competition and includes a Doctoral Symposium for mentoring graduate students. Finally, the conference provides a rich Multimedia Art Exhibition to stimulate artists and researchers alike to meet and discover the frontiers of multimedia artistic communication!

http://www.acmmm12.org/

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**Multimedia Art Exhibition 2012**

Eternal / Moment

Multimedia Art Exhibition 2012 entitled as Eternal / Moment presents integrated perspectives spanning art, entertainment and culture. It shows this year’s fruitful juried/curated works in multiple media forms; hybrid art, zero-gravity-space art, installations and interactive media, digital communities, mobile media, and aesthetic/scientific exploration.

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**Future Direction of Digital Content**

Masahiro Fujita (Sony Corporation, JP)

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**Coulda, Woulda, Shoulda:**

20 Years of Multimedia Opportunities

Organizers
Klara Nahrstedt (Univ. of Illinois at Urbana-Champaign, US)
Malcolm Slaney (Microsoft, US)

Panelists
Dick Bulterman (CWI / Vrije Univ., NL)
Ramesh Jain (Univ. of California, Irvine, US)
Larry Rowe (Univ. of California, Berkeley / FXPAL, US)
Ralf Steinmetz (Darmstadt Univ. of Technology, DE)

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**Conference Venue**

Nara Prefectural New Public Hall

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**Art Venue**

Todaijii Culture Center

Oct. 20 – Nov. 4

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**Nara, Japan**
Plenary Talk

Decoding Visual Experience from the Human Brain
Yukiyasu Kamitani (ATR Computational Neuroscience Labo., JP)

Full Papers & Short Papers
- Media Content Analysis and Processing
- Multimedia Activity and Event Understanding
- Multimedia Search and Retrieval
- Mobile and Location-Based Media
- Social Media
- Multimedia Systems and Middleware

Panel Session

Content is Dead; Long Live Content!
Organizers
Lexing Xie (Australian National Univ., AU)
David A. Shamma (Yahoo! Research, US)
Cees G. M. Snoek (Univ. of Amsterdam, NL)

Workshops

Full-Day Workshops
- Workshop on Socially-Aware Multimedia (Oct.29)
- Workshop on Crowdsourcing for Multimedia (Oct.29)
- Workshop on Multimedia Analysis for Ecological Data (Nov.2)
- Workshop on Music Information Retrieval with User-Centered and Multimodal Strategies (Nov.2)

Half-Day Workshops
- Workshop on Geotagging and Its Applications in Multimedia (Nov.2)
- Workshop on Audio and Multimedia Methods for Large-Scale Video Analysis (Nov.2)
- Workshop on Cloud-Based Multimedia Applications and Services for E-health (Nov.2)
- Workshop on Multimedia for Cooking and Eating Activities (Nov.2)
- Workshop on User Experience in e-Learning and Augmented Technologies in Education (Nov.2)
- Workshop on Personalized Access to Cultural Heritage (Nov.2)
- Workshop on Interactive Multimedia on Mobile and Portable Devices (Nov.2)

Organizing Committee

General Chairs
Noboru Babaguchi (Osaka Univ., JP)
Kiyoharu Aizawa (The Univ. of Tokyo, JP)
John Smith (IBM, US)

Technical Program Chairs
Shin’ichi Satoh (National Inst. of Informatics, JP)
Thomas Plagemann (Univ. of Oslo, NO)
Xian-Sheng Hua (Microsoft, US)
Rong Yan (Facebook, US)

Local Arrangement Chairs
Tomio Ichigo (Osaka Electro-Communication Univ., JP)
Naoko Nitta (Osaka Univ., JP)

Twentieth Anniversary Liaison
Ramesh Jain (Univ. of California at Irvine, US)
Malcolm Slaney (Yahoo! Research, US)

Panels Chairs
Yong Rui (Microsoft Research, CN)
Shih-Fu Chang (Columbia Univ., US)

Brave New Ideas Program Chairs
Alejandro Jaimes (Yahoo! Research, ES)
Tat-Seng Chua (National Univ. of Singapore, SG)

Multimedia Grand Challenge Chairs
Marcel Worring (Univ. of Amsterdam, NL)
Yushi Jing (Google Research, US)
Go Irie (Nippon Telegraph & Telephone Corp., JP)

Multimedia Art Program Chairs
Tomoe Moriyama (Museum of Contemporary Art Tokyo, JP)
Hideyuki Ando (Osaka Univ., JP)

Technical Demonstration Chairs
Qi Tian (Univ. of Texas at San Antonio, US)
Hirokazu Kato (Nara Inst. of Science & Technology, JP)

Open Source Software Competition Chairs
Masanori Sano (Japan Broadcasting Corp., JP)

Video Program Chairs
Tao Mei (Microsoft Research Asia, CN)
Koichi Shinoda (Tokyo Inst. of Technology, JP)

Doctoral Symposium Chairs
Cheng-Wah Ngo (City Univ., of Hong Kong, HK)
Keiji Yani (The Univ. of Electro-Communications, JP)

Tutorials Chairs
Susanne Boll (Univ. of Oldenburg, DE)
Tat-Seng Chua (National Univ. of Singapore, SG)

Multimedia Interaction and Applications
Alejandro Jaimes (Yahoo! Research, ES)

Panellists
Susanne Boll (Univ. of Oldenburg, DE)
Tat-Seng Chua (National Univ. of Singapore, SG)
Minoru “Mick” Etoh (NTT Docomo, JP)
Malcolm Slaney (Microsoft, US)
Yong Rui (Microsoft, CN/US)

Multimedia Security and Forensics

Dynamic Adaptive Streaming over HTTP
– From Content Creation to Consumption
Christian Tønnerer (Open-Adria-Univ. Klagenfurt, AT)
Carsten Griwodz (Simula Research Laboratory, NO)

Multimedia Recommendation
Jialie Shan (Singapore Management Univ., SG)
Meng Wang (Hefei Univ. of Technology, CN)
Shuicheng Yan (National Univ. of Singapore, SG)
Peng Cui (Tsinghua Univ. CN)

A Human-Centered Perspective on Multimedia Data Science
Alejandro Jaimes (Yahoo! Research, ES)

Privacy Concerns in Multimedia and Their Solutions
Gerald Friedland
(ICSi and Univ. of California, Berkeley, US)

Continuous Analysis of Emotions for Multimedia Applications
Hatrice Gunes (Queen Mary, Univ. Os London, UK)
Björn Schuller.(Technische Univ. München, DE)

Interactive with Image Collections
– Visualisation and Browsing of Image Repositories
Gerald Schaefer (Laughtonborough Univ., UK)

Publicity Chairs
Naoko Nitta (Osaka Univ., JP)
Tomio Echigo (Osaka Electro-Communication Univ., JP)

Local Arrangement Chairs
Rong Yan (Facebook, US)
Xian-Sheng Hua (Microsoft, US)
Thomas Plagemann (Univ. of Oslo, NO)

Web & Social Media Chairs
Ichiro Ide (Nagoya Univ., JP)

Industrial Liaison
Minoru Etoh (NTT Docomo, JP)
Yoichiro Miyake (Square Enix, JP)

Workshop Chairs
Jiebo Luo (Univ. of Rochester, US)
Svetla Venkatesh (Deakin Univ., AU)

General Chairs
Sethuraman Panchanathan (Arizona State Univ., US)
Alberto del Bimbo (Univ. of Firenze, IT)

Publicity Chairs
K. Selcuk Cundar (Arizona State Univ., US)
Michael S. Lew (Leiden Univ., NL)
Mark Liao (Academia Sinica, TW)

Finance Chair
Shigeyuki Sakazawa (KDDI R&D Labs, JP)

History Preservation Chairs
Alberto del Bimbo (Univ. of Firenze, IT)
Sethuraman Panchanathan (Arizona State Univ., US)

Publication Chairs
Hiroshi Mo (National Inst. of Informatics, JP)
Chamin Morikawa (The Univ. of Tokyo, JP)

SIGMM Chair
Kiera Narahedh (Univ. of Illinois at Urbana-Champaign, US)

SIGMM Director of Conferences
Mohan S. Kankanhalli (National Univ. of Singapore, SG)