

## ACM Multimedia 2020 Program at a Glance

### Overview

The year of 2020 is indeed destined to be an unprecedented year full of turbulence and challenges. Due to COVID-19, ACM Multimedia 2020 is forced to be held in a 100% online format for the first time in its long history. With this constraint, it is clear that it is not possible to work out a perfect solution so as to accommodate every conference participant from all different time zones. In consultation with the SIGMM Executive Committee, the Organizing Committee of MM2020 has adopted a principle to accommodate as many attendees as possible from different time zones during the main conference events. Three guidelines were adopted in the design of the online conference program:

- All pre-recorded video will be published online for on-demand streaming. No time slot will be allocated for showing these videos. All participants are encouraged to watch the video presentations before going to the corresponding live Question and Answer (QA) sessions.
- All single-track programs are scheduled during the “golden four hours” (when 2/3 of the world is awake!). This is consistent with other major online conferences. To be exact, we will use EDT (UTC-4) 9:00-13:00 as the golden time slot. It will be 6:00-10:00 US West/Seattle, 21:00-01:00 Beijing time and UTC 13:00-17:00. Under this arrangement, people from Asia will be staying up a bit and US West people need to get up earlier a bit, while most other parts of the world will be fine. And, we have to say sorry to people from Australia...
- Mirrored QA sessions will be arranged for all paper and demo presentations. That is, each paper will have two QA sessions for participants from different time zones. These sessions will start one hour after the end of the single-track program each conference day. The interval between the two mirrored sessions is 10 hours.

Based on three guidelines, almost all presenters in the QA sessions shall need to be present for one “good” time slot and another “bad” time slot. QA sessions so designed would allow attendees from different time zones to participate fully at MM2020.

### Program at a Glance

Oct 12<sup>th</sup>

#### Tutorials and Workshops

|  | Program   | New York Time (UTC-4)             | Beijing Time (UTC +8)             | Seattle Time (UTC-7)              | UTC                               |  |
|--|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--|
| 2020.10.12   | QA Tutorial 1 : Multimedia Intelligence: When Multimedia Meets Artificial Intelligence                    | 9:00-10:00                        | 21:00-22:00                       | 6:00-7:00                         | 13:00-14:00                       |  |
|  | QA Tutorial 1 - Mirrored  | 19:00-20:00                       | 7:00-8:00 +1 Day                  | 16:00-17:00                       | 23:00-24:00                       |  |
|  | QA Tutorial 2 : Deep Learning for Privacy in Multimedia   | 3:00-7:00                         | 15:00-19:00                       | 00:00-4:00                        | 7:00-11:00                        |  |
|  | QA Tutorial 2 - Mirrored  | NA - Just one single live session |  |
|  | QA Tutorial 3 : Reproducibility and Experimental Design for Machine Learning on Audio and Multimedia Data | 9:00-10:00                        | 21:00-22:00                       | 6:00-7:00                         | 13:00-14:00                       |  |
|  | QA Tutorial 3 - Mirrored  | 19:00-20:00                       | 7:00-8:00 +1 Day                  | 16:00-17:00                       | 23:00-24:00                       |  |
|  | QA Tutorial 4 : Food Computing for Multimedia   | 9:00-10:00                        | 21:00-22:00                       | 6:00-7:00                         | 13:00-14:00                       |  |
|  | QA Tutorial 4 - Mirrored  | 19:00-20:00                       | 7:00-8:00 +1 Day                  | 16:00-17:00                       | 23:00-24:00                       |  |
|  | Workshop 1: 2nd workshop on Structuring and Understanding of Multimedia heritAge Contents                 |                                   |                                   | Arranged by Workshop Organizers   |                                   |  |
|  | Workshop 2: 1st International Workshop on Human-centric Multimedia Analysis                               |                                   |                                   |                                   |                                   |  |
| Workshop 3: Joint workshop on Aesthetic and Technical Quality Assessment of Multimedia and 3rd Workshop on Media Analytics for Societal Trends |   |                                   |                                   |                                   |                                   |  |
| Workshop 4: 2nd International Workshop on AI for Smart TV Content Production, Access and Delivery  |   |                                   |                                   |                                   |                                   |  |

Oct 13<sup>th</sup>

Live Webinar - Conference Opening / Keynote / Best Paper Session / Panel / Industrial Invited Talk  
 QA Session - Main Conference Paper/ Demo / Grand Challenge / Reproducibility /

|                               | Program  | New York Time (UTC-4) | Beijing Time (UTC +8) | Seattle Time (UTC -7) | UTC                   |
|-------------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| 2020.10.13                    | Conference Opening   | 8:30-9:00             | 20:30-21:00           | 5:30-6:00             | 12:30-13:00           |
|                               | Keynote I TBD  | 9:00-10:00            | 21:00-22:00           | 6:00-7:00             | 13:00-14:00           |
|                               | Best Paper Session ( Four Candidates )   | 10:00-11:30           | 22:00-23:30           | 7:00-8:30             | 14:00-15 : 30         |
|                               | Panel 1: Coping with Pandemics: Opportunities and Challenges for AI/Multimedia in the "New Normal" | 11:30-12:30           | 23:30-00:30           | 8:30-9:30             | 15:30-16:30           |
|                               | Invited Industrial Talk by Dr. Dong Yu: Building Digital Human                                     | 12:30-13:00           | 00:30-01:00+1Day      | 9:30-10:30            | 16:30-17:00           |
|                               | QA Demo 1  | 14:00-15:00           | 02:00-03:00 +1 Day    | 11:00-12:00           | 18:00-19:00           |
|                               | QA Demo 1 - Mirrored   | 24:00-01:00           | 12:00-13:00 +1Day     | 21:00-22:00           | 04:00-5:00            |
|                               | QA Grand Challenge 1   | 15:00-16:00           | 03:00-04:00 +1 Day    | 12:00-13:00           | 19:00-20:00           |
|                               | QA Grand Challenge 1 - Mirrored  | 01:00-02:00 +1Day     | 13:00-14:00 +1Day     | 22 : 00-23:00         | 05:00-06:00           |
|                               | QA Repro   | 16:00-17:00           | 04:00-05:00 +1 Day    | 13:00-14:00           | 20:00-21:00           |
|                               | QA Repro - Mirrored  | 02 : 00 -03:00 +1 Day | 14:00-15:00 +1 Day    | 23:00-24:00           | 06:00-07:00           |
|                               | QA Poster / oral A1  | 14:00-15:00           | 02:00-03:00 +1 Day    | 11:00-12:00           | 18:00-19:00           |
|                               | QA Poster / oral B1  | 15:00-16:00           | 03:00-04:00 +1 Day    | 12:00-13:00           | 19:00-20:00           |
|                               | QA Poster / oral C1  | 16:00-17:00           | 04:00-05:00 +1 Day    | 13:00-14:00           | 20:00-21:00           |
|                               | QA Poster / oral D1  | 17:00-18:00           | 05:00-06:00 +1 Day    | 14:00-15:00           | 21:00-22:00           |
|                               | QA Poster / oral E1  | 18:00-19:00           | 06:00-07:00 +1 Day    | 15:00-16:00           | 22:00-23:00           |
|                               | QA Poster / oral F1  | 19:00-20:00           | 07:00-08:00 +1 Day    | 16:00-17:00           | 23:00-24:00           |
|                               | QA Poster / oral G1  | 20:00-21:00           | 08:00-09:00 +1 Day    | 17:00-18:00           | 24:00-01:00 +1 Day    |
|                               | QA Poster / oral H1  | 21:00-22:00           | 09:00-10:00 +1 Day    | 18:00-19:00           | 01:00-02:00+1 Day     |
|                               | QA Poster / oral A1 - Mirrored   | 0:00-1:00 +1 Day      | 12:00-13:00 +1 Day    | 21:00-22 : 00         | 04:00-5:00 +1 Day     |
|                               | QA Poster / oral B1 - Mirrored   | 01:00-02:00+1 Day     | 13:00 -14:00+1 Day    | 22 : 00-23:00         | 05:00-06:00+1 Day     |
|                               | QA Poster / oral C1 - Mirrored   | 02:00-03:00+1 Day     | 14:00-15:00+1 Day     | 23:00-24:00           | 06:00-07:00+1 Day     |
|                               | QA Poster / oral D1- Mirrored  | 03:00-04:00+1 Day     | 15:00-16:00+1 Day     | 24:00-01:00 +1Day     | 07:00-08:00+1 Day     |
|                               | QA Poster / oral E1 - Mirrored   | 04:00-05:00+1 Day     | 16:00-17:00+1 Day     | 01:00-02 : 00+1 Day   | 08:00-09:00+1 Day     |
|                               | QA Poster / oral F1- Mirrored  | 05:00-06:00+1 Day     | 17:00-18:00+1 Day     | 02:00-03:00+1 Day     | 09:00-10:00+1 Day     |
|                               | QA Poster / oral G1- Mirrored  | 06:00-07:00+1 Day     | 18:00-19:00+1 Day     | 03:00-04:00+1 Day     | 10 : 00-11 : 00+1 Day |
| QA Poster / oral H1- Mirrored | 07:00-08:00+1 Day  | 19:00-20:00+1 Day     | 04:00-05:00+1 Day     | 11:00-12:00+1 Day     |                       |

Oct 14<sup>th</sup>

Live Webinar - Keynote by Achievement Award Winner / Rising Star Talk / Panel / Doctoral Symposium  
 QA Session - Main Conference Paper/ Demo / Grand Challenge / Brave New Idea

|            | Program   | New York Time (UTC-4) | Beijing Time (UTC +8) | Seattle Time (UTC -7) | UTC                   |
|------------|---|-----------------------|-----------------------|-----------------------|-----------------------|
| 2020.10.14 | Main Conference Keynote/ Achievement Award  | 9:00-10:00            | 21:00-22:00           | 6:00-7:00             | 13:00-14:00           |
|            | Rising Star Talk  | 10:00-10:30           | 22 : 00-22:30         | 7:00-7:30             | 14:00-14:30           |
|            | Panel 2: The world is Changed - The World needs to Change: How multimedia can help shaping our digital future | 10:30-11:30           | 22:30-23:30           | 7:30-8:30             | 14:30-15:30           |
|            | SIGMM Business Meeting  | 11:30-12:30           | 23:30-00:30 +1 Day    | 8:30 -9:30            | 15:30-16:30           |
|            | Doctoral Symposium  | 13:00-15:00           | 01:00-03:00+1 Day     | 11:00-12:00           | 17:00-19:00           |
|            | QA Demo 2   | 14:00-15:00           | 02:00-03:00 +1 Day    | 11:00-12:00           | 18:00-19:00           |
|            | QA Demo 2 - Mirrored  | 24 : 00-01:00 +1 Day  | 12:00-13:00 +1 Day    | 21:00-22 : 00         | 04:00-5:00 +1 Day     |
|            | QA Grand Challenge 2  | 15:00-16:00           | 03:00-04:00 +1 Day    | 12:00-13:00           | 19:00-20:00           |
|            | QA Grand Challenge 2 - Mirrored   | 01:00-02:00 +1Day     | 13:00 -14:00+1 Day    | 22 : 00-23:00         | 05:00-06:00+1 Day     |
|            | QA Brave New Idea   | 16:00-17:00           | 04:00-05:00 +1 Day    | 13:00-14:00           | 20:00-21:00           |
|            | QA Brave New Idea-Mirrored  | 02 : 00 -03:00 +1 Day | 14:00-15:00+1 Day     | 23:00-24:00           | 06:00-07:00+1 Day     |
|            | QA Poster / oral A2   | 14:00-15:00           | 02:00-03:00 +1 Day    | 11:00-12:00           | 18:00-19:00           |
|            | QA Poster / oral B2   | 15:00-16:00           | 03:00-04:00 +1 Day    | 12:00-13:00           | 19:00-20:00           |
|            | QA Poster / oral C2   | 16:00-17:00           | 04:00-05:00 +1 Day    | 13:00-14:00           | 20:00-21:00           |
|            | QA Poster / oral D2   | 17:00-18:00           | 05:00-06:00 +1 Day    | 14:00-15:00           | 21:00-22:00           |
|            | QA Poster / oral E2   | 18:00-19:00           | 06:00-07:00 +1 Day    | 15:00-16:00           | 22:00-23:00           |
|            | QA Poster / oral F2   | 19:00-20:00           | 07:00-08:00 +1 Day    | 16:00-17:00           | 23:00-24:00           |
|            | QA Poster / oral G2   | 20:00-21:00           | 08:00-09:00 +1 Day    | 17:00-18:00           | 24:00-01:00 +1 Day    |
|            | QA Poster / oral H2   | 21:00-22:00           | 09:00-10:00 +1 Day    | 18:00-19:00           | 01:00-02:00+1 Day     |
|            | QA Poster / oral A2 - Mirrored  | 0:00-1:00 +1 Day      | 12:00-13:00 +1 Day    | 21:00-22 : 00         | 04:00-5:00 +1 Day     |
|            | QA Poster / oral B2 - Mirrored  | 01:00-02:00+1 Day     | 13:00 -14:00+1 Day    | 22 : 00-23:00         | 05:00-06:00+1 Day     |
|            | QA Poster / oral C2- Mirrored   | 02:00-03:00+1 Day     | 14:00-15:00+1 Day     | 23:00-24:00           | 06:00-07:00+1 Day     |
|            | QA Poster / oral D2- Mirrored   | 03:00-04:00+1 Day     | 15:00-16:00+1 Day     | 24:00-01:00 +1Day     | 07:00-08:00+1 Day     |
|            | QA Poster / oral E2- Mirrored   | 04:00-05:00+1 Day     | 16:00-17:00+1 Day     | 01:00-02 : 00+1 Day   | 08:00-09:00+1 Day     |
|            | QA Poster / oral F2- Mirrored   | 05:00-06:00+1 Day     | 17:00-18:00+1 Day     | 02:00-03:00+1 Day     | 09:00-10:00+1 Day     |
|            | QA Poster / oral G2- Mirrored   | 06:00-07:00+1 Day     | 18:00-19:00+1 Day     | 03:00-04:00+1 Day     | 10 : 00-11 : 00+1 Day |
|            | QA Poster / oral H2- Mirrored   | 07:00-08:00+1 Day     | 19:00-20:00+1 Day     | 04:00-05:00+1 Day     | 11:00-12:00+1 Day     |

Oct 15<sup>th</sup>

Live Webinar - Keynote / Award Ceremony/ Industrial Invited Talk / Closing Ceremony  
 QA Session - Main Conference Paper/ Demo / Grand Challenge / Open Source Software

|            | Program   | New York Time (UTC-4) | Beijing Time (UTC +8) | Seattle Time (UTC-7) | UTC                   |
|------------|---|-----------------------|-----------------------|----------------------|-----------------------|
| 2020.10.15 | Main Conference Keynote III by Klara Nahrstedt: 360 Video Navigation for 360-Multimedia Delivery Systems: Research Challenges and Opportunities | 9:00-10:00            | 21 : 00-22:00         | 6:00-7:00            | 13:00-14:00           |
|            | Award Ceremony  | 10:00-11:00           | 22:00-23:00           | 7:00-8:00            | 14:00-15:00           |
|            | Industrial Invited Talk by Itamar Friedman: Cloud Drive App - Closing the Gap Between AI Research to Practice                                   | 11:00-11:30           | 23:00-23:30           | 8:00-8:30            | 15:00-15:30           |
|            | Closing Ceremony  | 11:30-12:00           | 23:30-24:00           | 8:30-9:00            | 15:30-16:00           |
|            | 20-21 handover meeting  | 12:00-13:00           | 24 : 00-1:00 +1Day    | 9:00-10:00           | 16:00-17:00           |
|            | QA Demo 3   | 14:00-15:00           | 02:00-03:00 +1 Day    | 11:00-12:00          | 18:00-19:00           |
|            | QA Demo 3 - Mirrored  | 24 : 00-01:00 +1 Day  | 12:00-13:00 +1 Day    | 21:00-22 : 00        | 04:00-5:00 +1 Day     |
|            | QA Grand Challenge 3  | 15:00-16:00           | 03:00-04:00 +1 Day    | 12:00-13:00          | 19:00-20:00           |
|            | QA Grand Challenge 3 - Mirrored   | 01:00-02:00 +1Day     | 13:00 -14:00+1 Day    | 22 : 00-23:00        | 05:00-06:00+1 Day     |
|            | QA Open source software   | 16:00-17:00           | 04:00-05:00 +1 Day    | 13:00-14:00          | 20:00-21:00           |
|            | QA Open source software - Mirrored  | 02 : 00 -03:00 +1 Day | 14:00-15:00+1 Day     | 23:00-24:00          | 06:00-07:00+1 Day     |
|            | QA Poster / oral A3   | 14:00-15:00           | 02:00-03:00 +1 Day    | 11:00-12:00          | 18:00-19:00           |
|            | QA Poster / oral B3   | 15:00-16:00           | 03:00-04:00 +1 Day    | 12:00-13:00          | 19:00-20:00           |
|            | QA Poster / oral C3   | 16:00-17:00           | 04:00-05:00 +1 Day    | 13:00-14:00          | 20:00-21:00           |
|            | QA Poster / oral D3   | 17:00-18:00           | 05:00-06:00 +1 Day    | 14:00-15:00          | 21:00-22:00           |
|            | QA Poster / oral E3   | 18:00-19:00           | 06:00-07:00 +1 Day    | 15:00-16:00          | 22:00-23:00           |
|            | QA Poster / oral F3   | 19:00-20:00           | 07:00-08:00 +1 Day    | 16:00-17:00          | 23:00-24:00           |
|            | QA Poster / oral G3   | 20:00-21:00           | 08:00-09:00 +1 Day    | 17:00-18:00          | 24:00-01:00 +1 Day    |
|            | QA Poster / oral H3   | 21:00-22:00           | 09:00-10:00 +1 Day    | 18:00-19:00          | 01:00-02:00 +1 Day    |
|            | QA Poster / oral A3 - Mirrored  | 00:0-1:00 +1 Day      | 12:00-13:00 +1 Day    | 21:00-22 : 00        | 04:00-5:00 +1 Day     |
|            | QA Poster / oral B3 - Mirrored  | 01:00-02:00 +1 Day    | 13:00 -14:00+1 Day    | 22 : 00-23:00        | 05:00-06:00+1 Day     |
|            | QA Poster / oral C3 - Mirrored  | 02:00-03:00 +1 Day    | 14:00-15:00+1 Day     | 23:00-24:00          | 06:00-07:00+1 Day     |
|            | QA Poster / oral D3 - Mirrored  | 03:00-04:00 +1 Day    | 15:00-16:00+1 Day     | 24:00-01:00 + 1Day   | 07:00-08:00 +1 Day    |
|            | QA Poster / oral E3 - Mirrored  | 04:00-05:00 +1 Day    | 16:00-17:00+1 Day     | 01:00-02 : 00+1 Day  | 08:00-09:00 +1 Day    |
|            | QA Poster / oral F3 - Mirrored  | 05:00-06:00 +1 Day    | 17:00-18:00+1 Day     | 02:00-03:00+1 Day    | 09:00-10:00 +1 Day    |
|            | QA Poster / oral G3 - Mirrored  | 06:00-07:00 +1 Day    | 18:00-19:00+1 Day     | 03:00-04:00+1 Day    | 10 : 00-11 : 00+1 Day |
|            | QA Poster / oral H3 - Mirrored  | 07:00-08:00 +1 Day    | 19:00-20:00+1 Day     | 04:00-05:00+1 Day    | 11:00-12:00 +1 Day    |

Oct 16<sup>th</sup>

### Tutorials and Workshops

|            | Program   | New York Time (UTC-4)           | Beijing Time (UTC +8) | Seattle Time (UTC-7) | UTC         |
|------------|---|---------------------------------|-----------------------|----------------------|-------------|
| 2020.10.16 | QA Tutorial 5 : Active Learning for Multimedia Computing: Survey, Recent Trends and Applications          | 9:00-10:00                      | 21:00-22:00           | 6:00-7:00            | 13:00-14:00 |
|            | QA Tutorial 5 - Mirrored  | 19:00-20:00                     | 7:00-8:00 +1 Day      | 16:00-17:00          | 23:00-24:00 |
|            | QA Tutorial 6 : Immersive Imaging Technologies: from Capture to Display                                   | 9:00-10:00                      | 21:00-22:00           | 6:00-7:00            | 13:00-14:00 |
|            | QA Tutorial 6 - Mirrored  | 19:00-20:00                     | 7:00-8:00 +1 Day      | 16:00-17:00          | 23:00-24:00 |
|            | QA Tutorial 7 : Effective and Efficient: Toward Open-world Instance Re-identification                     | 9:00-10:00                      | 21:00-22:00           | 6:00-7:00            | 13:00-14:00 |
|            | QA Tutorial 7 - Mirrored  | 19:00-20:00                     | 7:00-8:00 +1 Day      | 16:00-17:00          | 23:00-24:00 |
|            | QA Tutorial 8 : Deep Bayesian Multimedia Learning   | 9:00-10:00                      | 21:00-22:00           | 6:00-7:00            | 13:00-14:00 |
|            | QA Tutorial 8 - Mirrored  | 19:00-20:00                     | 7:00-8:00 +1 Day      | 16:00-17:00          | 23:00-24:00 |
|            | Workshop 5:1st Workshop on Quality of Experience (QoE) in Visual Multimedia Applications                  | Arranged by Workshop Organizers |                       |                      |             |
|            | Workshop 6: 1st International Multimodal Sentiment Analysis in Real-life Media Challenge and Workshop     |                                 |                       |                      |             |
|            | Workshop 7:1st International Workshop on Workshop on Multimodal Conversational AI                         |                                 |                       |                      |             |
|            | Workshop 8:3rd International Workshop on Multimedia Content Analysis in Sports- Soccer                    |                                 |                       |                      |             |
|            | Workshop 9: 2nd International Workshop on Fairness, Accountability, Transparency and Ethics in MultiMedia |                                 |                       |                      |             |

Editorial board meeting and other side meetings will be arranged by the corresponding organizers.

Detailed program will be available soon.

Last update: 09/21/2020