## Multimedia and Communications Workshop 2009

### 2009/3/14 Saturday, CSIE Room 104

<table>
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<tr>
<th>time</th>
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<tr>
<td>9:10-9:30</td>
<td>registration</td>
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<tr>
<td>9:30-10:40</td>
<td>opening</td>
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<tr>
<td></td>
<td><strong>session 1 Hardware Related (session chair: Yung-Yu Chuang)</strong></td>
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<td></td>
<td>Double-side Multi-touch Input for Mobile Devices</td>
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<td>Erh-li (Early) Shen, Sang-sheng (Daniel) Tsai, Hao-Hua Chu, Jane Yung-jen Hsu, Chi-wen (Euro) Chen</td>
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<tr>
<td></td>
<td>Scalable Computation for Spatially Scalable Video Coding</td>
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<td></td>
<td>Yen-Lin Huang, Ja-Ling Wu</td>
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<td></td>
<td>On Eliminating the Multi-Rate Sharing Problem in Multi-Channel Wireless Mesh Networks</td>
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<td>Kate Ching-Ju Lin and Cheng-Fu Chou</td>
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<td>10:40-11:00</td>
<td>coffee break</td>
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<td>11:00-12:30</td>
<td><strong>session 2 Content Retrieval (session chair: Cheng-Fu Chou)</strong></td>
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<td>Online Learning for Spatial Verification in Large Scale Photo Search</td>
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<td>Kuan-Ting Chen, Winston H. Hsu</td>
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<td>Query Expansion for Hash-based Image Retrieval</td>
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<td>Yin-Hsi Kao, Kuan-Ting Chen, Chien-Hsing Chuang, Winston H. Hsu</td>
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<td>Semantic Query Expansion for Content-based Image Retrieval</td>
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<td>Wei-Shing Lia, Winston H. Hsu</td>
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<td></td>
<td>The Power of Words: How Lyrics Enhance Emotion Estimation for Songs</td>
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<td>Wei-Rong Chu, Ying-Shian Wu, Chung-Yi Chi, Jane Yung-jen Hsu</td>
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<td>12:30-14:00</td>
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<td>14:00-15:10</td>
<td><strong>session 3 Browsing Interface (session chair: Hao-Hua Chu)</strong></td>
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<td>A Novel Photo Browsing Approach Using Contexture Metadata</td>
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<td>Chuan-Shen Hu, Hang-Ping Cheng, Boris Chou</td>
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<td>Ambient Memento</td>
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<td>Kai-Yin Cheng, Sheng-Jie Luo, Ko-Yuan Chou, Bing-Yu Chen</td>
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<td>SmartPlayer User-Centric Video Fast-Forwarding</td>
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<td>Kai-Yin Cheng, Sheng-Jie Luo, Bing-Yu Chen, Hao-Hua Chu</td>
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<td>15:30-17:00</td>
<td><strong>session 4 Content Enhancement (session chair: Winston H. Hsu)</strong></td>
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<td>A Novel Interactive Evolution for Virtual Content Insertion</td>
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<td>Ming-Che Chiang, Chia-Hu Chang, Ja-Ling Wu</td>
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<td>Automatic Photo Ranking Based on Esthetics Rules of Photography</td>
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<td>Interactive Background Blurring</td>
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<td>Chih-Yu Yan, Ming-Chun Tien, Ja-Ling Wu</td>
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<td>Video stabilization by using robust feature trajectories</td>
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<td>Ken-Yi Lee</td>
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<td>17:00-17:30</td>
<td>committee meeting</td>
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<td>17:30-17:50</td>
<td>award ceremony</td>
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**committee**  陈文進, 歐陽明, 吳家麟, 黃肇雄, 許永真, 周承復, 朱浩華, 陳炳宇, 莊永裕, 徐宏民

**reviewers**  陳冠婷, 鄭鎧尹, 張家怙, 田敏君, 李根逸, 許智程, 翁明昉, 沈允中, 林靖茹