### WEDNESDAY - MAY 1, 2019

<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITY</th>
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<tbody>
<tr>
<td>12:30</td>
<td>Welcome speech (Darden Auditorium)</td>
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<tr>
<td>13:00</td>
<td>Prof. Youcheng Wang, Ph.D., Dean of UCF Rosen College of Hospitality Management. Virtual welcome from the Honorable Mayor Buddy Dyer, Mayor of City of Orlando</td>
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<tr>
<td>13:00</td>
<td>Keynote speech-1 (Darden Auditorium)</td>
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<tr>
<td>13:00</td>
<td>Prof. Satish Ukkusuri, Ph.D., Lyles School of Civil Engineering, Director of the Urban Mobility, Networks and Intelligence Lab, Purdue University. Title of speech: Smart Mobility Analytics in an Era of Accelerated Technological Change</td>
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<tr>
<td>14:00</td>
<td>Refreshment Break</td>
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<tr>
<td>14:30</td>
<td>Panel discussion-1 (Darden Auditorium)</td>
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<tr>
<td>16:00</td>
<td>IBM Panel Topic: Governments putting smart to work for innovative transformation, citizen engagement and social impact.</td>
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<tr>
<td>16:00</td>
<td>Moderator: Waldemar Karwowski, Chair IEMS, UCF</td>
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<tr>
<td>16:00</td>
<td>Panelist 1: Brigitte Sollie, North America Government and Higher Education Industry Advocate focused on Cloud, Watson/AI, and Security, IBM</td>
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<tr>
<td>16:00</td>
<td>Panelist 2: Amy Freeman, IBM Lead Technical Advisor focusing on Government and Higher Education</td>
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<td>16:00</td>
<td>Panelist 3: Thomas O'Neal, Professor IEMS, UCF</td>
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<tr>
<td>16:30</td>
<td>Panelist 1: Daniel R. Fesenmaier, Ph.D., Director, National Laboratory for Tourism &amp; eCommerce (NLTeC) and adjunct professor, Modul University Vienna</td>
</tr>
<tr>
<td>16:30</td>
<td>Panelist 2: Dimitrios Buhalis, Ph.D., Director of the eTourism Lab and Deputy Director of the International Centre for Tourism and Hospitality Research, Bournemouth University, UK</td>
</tr>
<tr>
<td>16:30</td>
<td>Panelist 3: Timothy Jung, Ph.D., Founder and Director of the Creative AR &amp; VR Hub and Head of MMU AR &amp; VR Research Group at Manchester Metropolitan University, UK</td>
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<tr>
<td>16:30</td>
<td>Panelist 4: Ahmet Ozturk, Associate Professor, Rosen College of Hospitality Management, UCF</td>
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<tr>
<td>16:30</td>
<td>Panelist 5: Arthur Huang, Assistant Professor, Rosen College of Hospitality Management, UCF</td>
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<tr>
<td>18:00</td>
<td>Beer &amp; Wine Social (Disney Dining Room)</td>
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# 1st International Conference on Smart Tourism, Smart Cities and Enabling Technology

(The Smart Conference)

May 1-4, 2019, Orlando, Florida, USA

<table>
<thead>
<tr>
<th>TIME</th>
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<tbody>
<tr>
<td>7:30</td>
<td>8:30</td>
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<tr>
<td>8:30</td>
<td>BREAKFAST AT ROSEN COLLEGE (Disney Dining Room)</td>
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<td>8:30</td>
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<tr>
<td>8:30</td>
<td>Keynote speech-2 (Darden Auditorium)</td>
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<tr>
<td></td>
<td>Dr. Sajal Das, Professor of Computer Science and Daniel St. Clair Endowed Chair at Missouri University of Science and Technology. Title: Designing Sustainable Smart and Connected Communities</td>
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<tr>
<td>9:30</td>
<td>Refreshment Break+Poster Session 1 (Rosen Courtyard)</td>
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<td>10:00</td>
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<td>Thematic Session-2 (Darden Auditorium)</td>
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<td></td>
<td>Fireside chat with Siemens.</td>
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<td>Thematic Session-3 (RCHM 111)</td>
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<td></td>
<td>THEM: Using Big Data to Catalyze Innovation and Economic Prosperity in Smart Cities</td>
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<td>10:00</td>
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<td></td>
<td>Moderator: Dr. Ivan Garibay (Assistant Professor, UCF)</td>
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<td></td>
<td>Moderator: Yan Solihin (Director of Cyber and Privacy cluster, Professor CS, UCF)</td>
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<td></td>
<td>Presenter 1. Peter Torrellas, Head of Smart Cities and Communities at Siemens</td>
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<td></td>
<td>Presenter 1. Aziz Mohaisen, Title: Practical Adversarial Machine Learning Attacks on IoT Malware Detection; (Invited speech).</td>
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<td>Presenter 2. Seyyedmilad Talezadehgosseini: An Agent Based Simulation Model for Developing and Sustaining Green Urban Growth.</td>
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<td>Presenter 2. Paul Gazzillo, Title: Security Challenges for Highly-Configurable Software; (Invited speech)</td>
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<td>Presenter 3. Amro Awad, Title: Rethinking Secure Processor Design for Persistent Memories; (Invited speech)</td>
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<td>Presenter 5. Rehab Ali: A Conceptual Model for the Implications of Blockchain Technology on the Entrepreneurial Ecosystem</td>
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<td>11:20</td>
<td>12:30</td>
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<td></td>
<td>LUNCH (Disney Dining Room)</td>
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<td>12:00</td>
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<td></td>
<td>Dr. Cihan Cobanoglu Think Tank Report (Disney Dining Room)</td>
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<td>12:30</td>
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<td></td>
<td>Keynote Speech-3 (Darden Auditorium)</td>
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<td></td>
<td>Professor Dimitrios Buhalis, Ph.D., Director of the eTourism Lab and Deputy Director of the International Centre for Tourism and Hospitality Research, Bournemouth University, UK. Title of speech: Smart Tourism and the Re-engineering of the Tourism Industry</td>
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### THURSDAY - MAY 2, 2019 (CONTINUED)

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>13:30</td>
<td>Refreshment Break + Poster Session-2 (Rosen Courtyard)</td>
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<tr>
<td>14:00</td>
<td><strong>Keynote Speaker-4</strong> (Darden Auditorium)</td>
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<tr>
<td></td>
<td><strong>Professor Daniel R. Fesenmaier, Ph.D., Director, National Laboratory</strong></td>
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<td><strong>for Tourism &amp; eCommerce (NLTeC) and adjunct professor, Modul University</strong></td>
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<td></td>
<td><strong>Vienna, Title of speech: Designing Smart Tourism for the Future</strong></td>
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<tr>
<td>15:00</td>
<td>Refreshment Break</td>
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<tr>
<td>15:30</td>
<td><strong>Moderator:</strong> Dr. Wei Wei</td>
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<tr>
<td></td>
<td><strong>Presentation 1</strong> &quot;A network model of neighborhoods’ happiness: A big data**</td>
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<td><strong>perspective</strong> “Arthur Huang**</td>
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<td><strong>Presentation 2</strong> &quot;Pedestrian safety in Florida: a comparative analysis of**</td>
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<td><strong>residents and visitors” Jaeyoung Lee, Mohamed Abdel-Ary and Whoiben</strong></td>
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<td><strong>Chung</strong></td>
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<tr>
<td>16:40</td>
<td><strong>Moderator:</strong> Dr. Ivan Garibay</td>
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<td></td>
<td><strong>Panel discussion-3 (RCHM 110)</strong></td>
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<td></td>
<td><strong>Topic:</strong> Using Big Data Analytics to Create Better Guest Experiences</td>
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<tr>
<td></td>
<td><strong>Panelist 1.</strong> Ivan Garibay (UCF)</td>
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<td><strong>Panelist 2.</strong> Anthony Norrow, Universal Project Manager, New Construction</td>
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<td><strong>Panelist 3.</strong> Diala Gammoh, Manager - Revenue Management and Data Science</td>
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<td><strong>Panelist 4.</strong> Jeffery Baker, Director of Analytics</td>
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<tr>
<td>17:40</td>
<td>Refreshment Break (Prepare for Gala dinner)</td>
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<tr>
<td>18:30</td>
<td><strong>GALA DINNER</strong> (Disney Dining Room)</td>
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<td>ACTIVITY</td>
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<tr>
<td>Breakfast at Rosen College (Disney Dining Room)</td>
<td>7:30</td>
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<tr>
<td>Keynote speech-5 (Darden Auditorium)</td>
<td>8:30</td>
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<tr>
<td>Mr. Gary Daniels, Vice President, Digital Experiences, Walt Disney Parks and Resorts, Title of Speech: Innovating with Purpose to Transform Experiences</td>
<td>8:40</td>
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<tr>
<td>Refreshment Break</td>
<td>9:00</td>
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<tr>
<td>Thematic Session-4 (Darden Auditorium)</td>
<td>10:00</td>
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<tr>
<td>Moderator: Waldemar Karwowski (chair of IEMS, Professor IEMS, UCF)</td>
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<tr>
<td>Presenter 1. Dylan Schmorrow, Soartech, Inc., Title: Human-Computer Symbiosis: Developing Tomorrow’s Smart Systems Using Cognitive Architectures and Reaching Beyond Deep Learning; (Invited speech)</td>
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<tr>
<td>Presenter 3. Luis Rabelo, UCF, Title: Using a Hybrid Model of System Dynamics and Agent-based Simulation in Order to Predict the Demand of Vehicles in a Megacity</td>
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<td>Presenter 4. Vladimir Boginski, UCF, Title: Robustness and Vulnerability of Interdependent Infrastructure Networks</td>
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<td>Presenter 5. Ben Sawyer, UCF, Title: Autonomy-Brain Exchange: Toward Neuroergonomic Integration of Human and Machine</td>
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<td>10:00</td>
<td>11:20</td>
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<tr>
<td>Thematic Session-4 (Darden Auditorium)</td>
<td>10:00</td>
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<tr>
<td>Theme: Smart systems integration: industrial and system engineering perspectives</td>
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<td>11:20</td>
<td>12:30</td>
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<tr>
<td>Awards Luncheon (Disney Dining Room)</td>
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<td>12:30</td>
<td>13:40</td>
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<tr>
<td>Concurrent Session-2</td>
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<tr>
<td>Smart Hospitality (RCHM 103)</td>
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<tr>
<td>Moderator: Yunying(Susan) Zhong</td>
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<tr>
<td>Presentation 1. “What Stage is the Smart Hotel Room Technology Adoption among Hong Kong hotels?” C. Cheung &amp; A. Lo</td>
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<td>Presentation 2. “Technology post-adoptive behaviors and gender among hotel branded mobile app users” Liza Cobos, Kevin Murphy, Ahmet Ozturk, Amy Gregory, Kimberly Severt &amp; Murat Hancer</td>
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<tr>
<td>Presentation 3. “What motives the hosts to participate in sharing accommodation and how do these motivations affect their attitudes and behaviors” Huimin Gu, Wei Huang &amp; Xiaoxiao Song</td>
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<tr>
<td>Smart Tourism-3 (RCHM 104)</td>
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<tr>
<td>Moderator: Valeriy Shapoval</td>
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<tr>
<td>Presentation 2. “Antecedents of Augmented Reality (AR) Applications Usage/Reuseage at a Destination” Faizan Ali, Yuan Zhou, Laiba Ali and Semsettin Yuksek</td>
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<tr>
<td>E&amp;C Miscellany (RCHM 105)</td>
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<tr>
<td>Moderator: Dr. Katalmis Akpinar</td>
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<tr>
<td>Presentation 1. “Performance Considerations when Protecting Smart-City Devices from Side Channel Attacks” Andrea Mondelli, Paul Gazzillo and Yan Solihin</td>
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<td>Presentation 3. “A Compact Spherical Quasi-Optical Multipass Cell for Terahertz Trace Molecular Sensing” Sreeram Sundaresh and M. Mahdi Assefzadeh</td>
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<td>13:40</td>
<td>14:00</td>
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<tr>
<td>Refreshment Break</td>
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<td>Time</td>
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<tr>
<td>14:00</td>
<td>Keynote speech-6 (Darden Auditorium)</td>
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<tr>
<td>14:00</td>
<td>Dr. Timothy Jung, Founder and Director of the Creative AR &amp; VR Hub and Head of MMU AR &amp; VR Research Group at Manchester Metropolitan University, UK. Title of speech: Augmented Reality and Virtual Reality for Smart Tourism Experience</td>
</tr>
<tr>
<td>15:00</td>
<td>Refreshment Break</td>
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<tr>
<td>15:30</td>
<td>Thematic Session-5 (Darden Auditorium)</td>
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<tr>
<td>16:30</td>
<td>Closing remarks: Prof. Michael Georgiopoulos, Dean of UCF College of Engineering and Computer Science (Darden Auditorium)</td>
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<tr>
<td>18:30</td>
<td>Closing remarks: Prof. Michael Georgiopoulos, Dean of UCF College of Engineering and Computer Science (Darden Auditorium)</td>
</tr>
<tr>
<td>19:30</td>
<td>Beer &amp; Wine Social (Disney Dining Room)</td>
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Saturday - May 4: Optional field trip - on your own with recommended attractions