

**1st ACM International Workshop on Technology Enablers and Innovative Applications for  
Smart Cities  
(ACM TESCA – 2019)**

to be held in conjunction with  
**The 6th ACM International Conference on Systems for Energy-Efficient Buildings, Cities, and  
Transportation (ACM BuildSys 2019)**  
(13-14 NOVEMBER 2019), Columbia University, New York

**Program Schedule ( 10th November, 2019)  
Full Day Workshop**

<b>Time /Duration</b>	<b>Events</b>
<b>8:30 - 9:00</b>	<b>Registration</b>
<b>9:00 - 9:20</b>	<b>Welcome and Inauguration address</b>
9:30 - 10:00	<b>Fractal IoT: A Scalable IoT Framework for Energy Management in Connected Buildings</b>  <u>A. S. M. Ramesh</u> , <u>A. Devidas</u> , <u>A. K</u> (Amrita Vishwa Vidyapeetham)
10:00 - 10:30	<b>Exploring Privacy Breaches and Mitigation Strategies of Occupancy Sensors in Smart Buildings</b>  <u>P. Lee</u> (Honeywell ), <u>E. Shin</u> (University of California, Irvine), <u>V. Guralnik</u> (Resideo), <u>S. Mehrotra</u> (University of California, Irvine), <u>N. Venkatasubramanian</u> (University of California, Irvine), <u>K. Smith</u> (Tridium)
<b>10:30 - 10:45</b>	<b>Morning Break</b>
10:45 - 11:00	<b>Decentralized Power System and Future Mobility: The Use Cases of Community Driven Electric Vehicle Charging Infrastructure</b>  <u>Sai Shibu N B</u> , <u>Balamurugan S</u> , <u>Arjun D</u> , <u>Nidhin Mahesh A</u> (Amrita Vishwa Vidyapeetham)
11:00 - 11:15	<b>Utilizing Opportunistic Social Networks for Remote Patient Monitoring in Rural Areas</b>

	<u>E. Max-Onakpoya</u> , <u>O. Madamori</u> , <u>C. Baker</u> (University of Kentucky, Lexington)
11:15 - 12:15	Keynote Address
<b>12:15 - 13:30</b>	<b>Lunch</b>
13:30 - 14:00	<b>Analyzing Public Transportation Offer wrt Mobility Demand</b> <u>A. Arman</u> , <u>P. Bellini</u> , <u>P. Nesi</u> , <u>M. Paolucci</u> (g, DINFO, University of Florence)
14:00 - 14:30	<b>An Interoperable Reservation System for Public Electric Vehicle Charging Stations: A Case Study in Germany</b> <u>R. Basmadjian</u> (University of Passau Passau), <u>B. Kirpes</u> (University of Mannheim), <u>J. Mrkos</u> (Czech Technical University in Prague), <u>M. Cuchy</u> (Czech Technical University in Prague), <u>S. Rastegar</u> (University of Passau)
14:30 - 15:00	<b>SWAM: A Novel Smart Waste Management Approach for Businesses using IoT</b> <u>S. Faye</u> , <u>F. Melakessou</u> , <u>W. Mtalaa</u> , <u>P. Gautier</u> , <u>N. AlNaffakh</u> , <u>D. Khadraoui</u> (Luxembourg Institute of Science and Technology (LIST))
<b>15:00 - 15:15</b>	<b>Tea/Coffee Break</b>
15:15 - 15:30	<b>CHARS: a Cultural Heritage Adaptive Recommender System</b> <u>F. Colace</u> , <u>M. De Santo</u> , <u>M. Lombardi</u> , <u>D. Santaniello</u> (University of Salerno)
15:30 - 15:45	<b>School-driven mobiquitous invisible paths for smart territories (JMAGINE project)</b>

	<p><u>Greg Galli</u> (Tokidev), <u>Yasmin Mosbah</u>, <u>Rémi Felin</u>, <u>Benoît Montorsi</u> (MBDS innovation lab., MIAGE, Université Côte d’Azur), <u>Serge Miranda</u> (LSIS research lab., Université d’Aix Marseille)</p>
<b>15:45 - 17:15</b>	<p><b>INNOVATIVE APPLICATIONS for SMART TERRITORIES and COMMUNITIES</b></p>
	<ul style="list-style-type: none"> <li>• <u>Kurt Jean Charles</u> (Solutions, Haïti) and <u>Tayana Etienne</u> (State University, HAITI) "<i>CIVITAX: Improving local revenue mobilization capacity and civic engagement through data-driven SMART City strategy</i>"</li> <li>• <u>Amrita</u> (India) - Use case in rural India</li> <li>• <u>Prof. Yusuf Sarwar</u> (University of Kansas, USA) "<i>Resilient data collection for air quality monitoring in developing cities</i>"</li> <li>• <u>Branden Christensen</u> (Raspberrysake, Panama) &lt;on Skype&gt; "<i>Raspberry Shake: How Citizen Scientists are Shaking up Traditional Earthquake Monitoring in smart territories</i>"</li> <li>• <u>Pr Samad Rostampur</u> and <u>Ygal BENDAVID</u> (UQAM, Quebec, Canada) &lt;on Skype&gt; "<i>Selecting the right IoT technologies to build a connected....</i>"</li> </ul>
<b>17:15 - 17:45</b>	<p><b>Conclusion and closing session</b></p>