

# Call for Papers

2020 International Conference  
IEEE Technology and Engineering Management Society (TEMS)



**TEMSCON 2020**  
The Embassy Suites by Hilton Detroit  
Livonia Novi, Michigan (USA)  
19525 Victor Parkway  
Livonia, MI 48152  
[2020.temscon.org](http://2020.temscon.org)



June 3-6, 2020

## ***Managing the Development of Connected Systems***

The greater Detroit area has a long history as a hub for engineering and manufacturing automobiles. With the ever-accelerating progress on innovation and a push for market-ready automated, connected and electrified vehicles, Detroit remains the heart of the automotive industry. Southeast Michigan has also diversified its economic base in emerging technology areas including information technology, health care and biomedical, power and energy, advanced manufacturing, and higher education and research. We invite contributions from engineering leaders, researchers, educators, innovators, entrepreneurs, and students to help advance the understanding and the state of practice related to successful technology and engineering management. Contributions may be research or practical. Research papers may be conceptual, empirical, or theoretical, but they must discuss how the results could be applied in practice. Practice-focused papers may consist of case studies, description of best practices, or application experiences, but they should also shed light on new challenges and unresolved future issues, which could be addressed by the research community. We thus provide a venue where different points of view interact to yield new understanding and ideas on leading innovation as well as the future of technology and engineering management.

- **Paper Submissions Due: 31 Mar 2020**
- **Notification of Acceptance: 28 Mar 2020**
- **Revisions Due (For Papers Requiring Revisions): 18 Apr 2020**
- **Final Papers Due: 2 May 2020**

Selected papers will have the opportunity to be published in an issue of our flagship journals. This would include research articles suitable for our journal **IEEE Transactions on Engineering Management** (IEEE TEM) and practical and case study articles suitable for our journal of practice, the **IEEE Engineering Management Review** (IEEE EMR). All papers would have to be suitably expanded beyond the conference paper for IEEE TEM. IEEE EMR submissions would need to be edited, targeted and formatted for one of three types of papers published by IEEE EMR. Each paper will be subject to the corresponding journal's rigorous peer review process.

Topic areas include, but are not limited to, the following:

- ***Innovating in rapidly changing markets and sectors, e.g., biotech and health systems, manufacturing, etc.***
- ***Leading and managing innovation and transformation***
- ***Adopting new technologies: challenges and risk mitigation***
- ***Management of software versions and their interoperability among different vehicle ages and makers***
- ***Understanding trends and applicability of new technologies***
- ***Leveraging enterprise data, e.g., successful use of AI, analytics, blockchain, IoT***
- ***Leading societal change, e.g., mobility, intelligent transportation, health care, public policy***
- ***Enhancing industry, university, and/or government collaboration***
- ***Developing personal skills for leading innovation initiatives***

In addition, we invite proposals for half-day workshops, including special sessions from other technical societies, related to the conference theme. Industry perspectives will be featured throughout the meeting via panels and plenary talks.

### **Organizing Committee:**

Conference Co-Chairs – Ray Sasinowski, [rays@ieee.org](mailto:rays@ieee.org), David Mindham [dmindham@ieee.org](mailto:dmindham@ieee.org)  
Program Co-Chairs – Jason Hui, [jason.k.hui@ieee.org](mailto:jason.k.hui@ieee.org), Tugrul Daim, [jj2td@pdx.edu](mailto:jj2td@pdx.edu)  
Publications Chair – Ed Perkins, [e.perkins@ieee.org](mailto:e.perkins@ieee.org)