ICSSP 2019—International Conference on Software and Systems Process
Hybrid and Evolving Processes for Software and Systems
May 25-26, 2019 Montréal, Canada  Co-located with ICSE 2019
Organized by ISSPA—InternationalSoftwareAndSystemsProcessAssociation.org

Software engineering continuously reinvents the way software and software intensive systems are built. Just in February 2018, Bombardier and Siemens announced significant investments in optimizing their product development processes. Tesla is trying to revolutionize the automotive market by implementing continuous delivery in safety critical systems. Appreciation of the implications of blockchain technology for software and systems processes is starting to grow. In this evolving landscape, many companies are making efforts to move towards new technologies, tools, agile principles, and continuous integration and delivery. In doing so, they find opportunity, flexibility, and strength in evolving toward hybrid processes, which are neither purely traditional nor can count as text-book agile.

ICSSP 2019 will provide a special platform for research focusing on hybrid processes for software and systems development as well as the factors driving their evolution. As a community, we ask: What will the next generation of process paradigms look like? How will they emerge from current paradigms? How will the concerns of business and system stakeholders drive and reflect the development and evolution of processes in coming years? What can our experience of change teach us? To help answer these questions, ICSSP 2019 is seeking contributions on research, practice, and compelling new ideas pertaining, but not limited, to the following topics:

- Origins and evolution of hybrid processes
- Specification, implementation, and operation of hybrid processes
- Hybrid processes in systems engineering
- Measurement for hybrid and evolving processes
- Empirical studies and experience reports on agile or hybrid processes
- Factors affecting selection, design, adoption, management and success of hybrid processes
- Processes across enterprise domains and business functions
- Integrating agile and non-agile processes
- Experiences in combining life-cycles, functional domains, and development organizations
- Impacts of special requirements such as high safety/reliability, globally distributed development, continuous integration, and others
- Evolution or transformation of organizations
- Enterprise processes for advanced development paradigms such as agile, lean, DevOps or customer-centric development
- Data science for analysis and management of hybrid and evolving processes

Submission link: https://easychair.org/conferences/?conf=icssp2019
Submission instructions can be found on the conference site. Accepted papers will be published in the ICSSP 2019 Proceedings in the ICSE 2019 Companion.