



**Agile Methods for the  
Development of  
Healthcare Systems  
2017 Conference**



## Agile Methods for the Development of Healthcare Systems 2017

May 16-18th - Chicago, IL

### **Announcing Call for Papers**

Deadline for Abstracts January 31<sup>st</sup>

Acceptance Notification Final Notification February 16<sup>th</sup>

Deadline for Final Presentations April 12th

**[Submit Materials Here](#)**

### **Conference Theme / Description**

Agile Software Development has been delivering value to software development teams for many years, but Agile is not just for software development - Agile Product Development principles apply to the creation of any system. This conference focuses on the application of Agile principles in practices in the development of medical systems – systems built by large teams and/or systems that include more than software.

### **Audience**

The audience for this conference is Systems Engineers, Software/Mechanical/Electrical Developers and Testers, Program Managers, Architects, Certifiers, and leaders of organizations developing complex healthcare products, from large Healthcare IT systems to medical devices that include software and hardware components. Attendees from other domains with Agile Systems experiences are welcome as well.

### **Call for Presentations, Panels, and Workshops**

To form the program for this conference, we are looking for ideas to share, a story to tell, a workshop to build skills, or questions to pose to an inquisitive audience. This is an interactive conference, so we want sessions that are a mixture of presentation and discussion. We are looking for topics in the following categories:

- Aligning Agile concepts and practices with System Engineering principles, such as those described by ISO/IEC/IEEE 15288:2015
- Agile team structures and Agile transformation models – how the architecture of the system affects the architecture of the development system that creates it
- Experiences with applying Agile practices to the development of hardware and systems
- Application of Agile Scaling models such as SAFe, Scrum Nexus, Scrum-Of-Scrums, etc.
- Cultural barriers to Agile adoption, and ways to overcome them
- Sharing Agile Systems experiences from other domains

We are looking for either 45-minute or 90-minute presentations for the main conference 17-18 May 2017, or half-day or full-day tutorials for 16 May 2017. Do you have a presentation in mind? Do you have a question you want to explore in a workshop?

Speakers get a discounted registration fee!

**BACKGROUND:** The Health Care Working Group of the International Council on Systems Engineering (INCOSE), with support from the INCOSE Agile Systems Working Group and System Patterns Working Group setup this conference “Agile Methods for the Development of Healthcare Systems”.

The overall system and system components of Health Care (including its delivery processes, pharmaceuticals and other therapies and preventive measures, medical devices, and its regulatory and economic framework) are challenged to be "agile systems". Agility challenges arise from shifting threats, expectations, and competition, advances in technology and medical science, and evolving economic and regulatory aspects.

Although the software development community has advanced the practice of agile development of software, the system-level opportunities and challenges of agility are much broader than software alone. This conference is about the current landscape, examples of progress in agility for more general systems, and the road ahead. It builds on an earlier conference held in 2015 and 2016. This three-day conference includes multiple session learning tracks as well as collaboration session opportunities and tutorials to advance the state of the community. Watch this space for future posting of the detailed schedule of tracks, topics, and sessions.

**WHY THIS IS IMPORTANT:** The overall system and system components of Health Care (including its delivery processes, pharmaceuticals and other therapies and preventive measures, medical devices, and its regulatory and economic framework) are challenged to be "agile systems". Agility challenges arise from shifting threats, expectations, and competition, advances in technology and medical science, and evolving economic and regulatory aspects.

**LEARN, CONTRIBUTE, COLLABORATE:** This two-day conference includes multiple session learning tracks as well as collaboration session opportunities to advance the state of the community. See below for the detailed schedule of tracks, topics, and sessions.

**EASILY REACHED LOCATION, PRODUCTIVE FACILITIES:** The meeting site is in Chicago, IL, easily reached by Midwestern driving or through Chicago O'Hare Airport. Lunch will be provided at the meeting facility each day. The venue is the excellent conference center provided by the American Society of Anesthesiologists, 1061 American Lane, Schaumburg, IL.



**CONFERENCE HOTEL:** A block of rooms has been reserved at the nearby Hyatt House Chicago/Schaumburg, at 1251 American Lane, Schaumburg, IL 60173. To obtain the block rate, either call 800-993-0367 and provide conference identifier "Agile", else or use the on line [direct reservation link](#) Make reservations soon, before April 22 release of the reserved block of rooms. After April 22, call 866-974-9288 to see if the conference rate can still be available.



**QUESTIONS?** Contact us at [hwgagile@gmail.com](mailto:hwgagile@gmail.com)