



**2020**  
Annual **INCOSE**  
international workshop  
**Torrance, CA, USA**  
January 25 - 28, 2020

# Healthcare

---

[www.incose.org/IW2020](http://www.incose.org/IW2020)

# Healthcare



**2020**  
Annual **INCOSE**  
international workshop  
Torrance, CA, USA  
January 25 - 28, 2020

## CHAIR

Chris Unger (Christopher.Unger@med.ge.com)

## MEMBERS

150

## CO-CHAIR

Bob Malins (rjmalins@eaglesummittech.com)

## INCOSE CONNECT ADDRESS



<https://connect.incose.org/WorkingGroups/Healthcare/Pages/Home.aspx>

## INCOSE WEB PAGE



<https://www.incose.org/incose-member-resources/working-groups/Application/healthcare>

# Charter Summary



**2020**  
Annual **INCOSE**  
international workshop  
Torrance, CA, USA  
January 25 - 28, 2020

## WG PURPOSE/MISSION

To improve Healthcare delivery, medical devices and services development, and Healthcare SE education by bringing together systems engineers and systems thinkers to identify, develop, and tailor best practices for the Healthcare industry.

- Articulate the value of systems engineering to Healthcare through simple examples and easily deployed guidelines, and
- Provide a forum for developing and sharing best practices and meeting world class experts in Healthcare Systems Engineering.

## WG GOAL(S)

1. Enable improved Healthcare outcomes by increasing systems engineering and systems thinking capabilities;
2. Increase the use of systems engineering practices in the Healthcare industry;
3. Publish impactful information on systems engineering in the Healthcare industry;
4. Serve as the clearinghouse of Healthcare needs and systems engineering best practices;
5. Accelerate the transformation of Healthcare systems engineering to a model based discipline.

## WG SCOPE

- Manufacturers of devices and providers of services (Clinical and Research use only devices, in-vitro and in-vivo products, pharmaceuticals, and biologics),
- All points-of-care through the entire Healthcare delivery life-cycle,
- Academic Medical Centers (AMCs),
- Regulatory agencies,
- Healthcare insurance providers, and
- Healthcare advocacy groups.

# IW Outcomes



**2020**  
Annual **INCOSE**  
international workshop  
Torrance, CA, USA  
January 25 - 28, 2020

## IW Outcomes

There were no specific accomplishments planned for IW other than outreach to INCOSE membership in general and to other working groups addressing healthcare relevant topics. The working group is focused is on continuing the outreach for our premier event: the annual Systems Engineering in Healthcare Conference, now in its sixth year, to be held April 28-30, 2020 in Minneapolis, MN (<https://www.incose.org/hwg-conference/>)

# Planned Work past IW



**2020**  
Annual **INCOSE**  
international workshop  
Torrance, CA, USA  
January 25 - 28, 2020

## PLANNED ACTIVITIES

Execute the 6th Annual Systems Engineering in Healthcare Conference (HWGSEC 2020) on April 28-30, in Minneapolis, MN. This conference is jointly sponsored by the Healthcare Working Group and the INCOSE Northstar Chapter. The theme for the conference is **Advancing the Practice of Systems Engineering in the Healthcare Industry**. The intended audience is Systems Engineers, product developers and testers and leaders of organizations developing complex healthcare products and services, from large Healthcare IT systems to medical devices to healthcare delivery organizations.

## PLANNED WORK PRODUCTS

Publish the proceedings of the Systems Engineering in Healthcare Conference through the working group and through INCOSE TechOps.