



INCOSE Wasatch Chapter Planning Meeting

January 9, 2020



Agenda

6:00 – 6:30	Dinner & Networking	
6:30 – 7:30	Planning Discussion	Paul White, Chapter President
7:30 – 8:00	KIHOMAC Tour	Chris Gough, Vice President – Aerospace Engineering Group, KIHOMAC

Introduction

- Overview of INCOSE & Wasatch Chapter
- New Member
- Leadership & Officer Training
- Planning
- Events
- Communications
- Membership
- Technical Contributions
- Outreach & Collaboration
- INCOSE Support
- Operations & Local Recognition

What is INCOSE?



17000+
MEMBERS



70+
CHAPTERS



45
WORKING GROUPS



3489
CERTIFIED

International Council on Systems Engineering

Industry organization for systems engineers

Founded in 1990

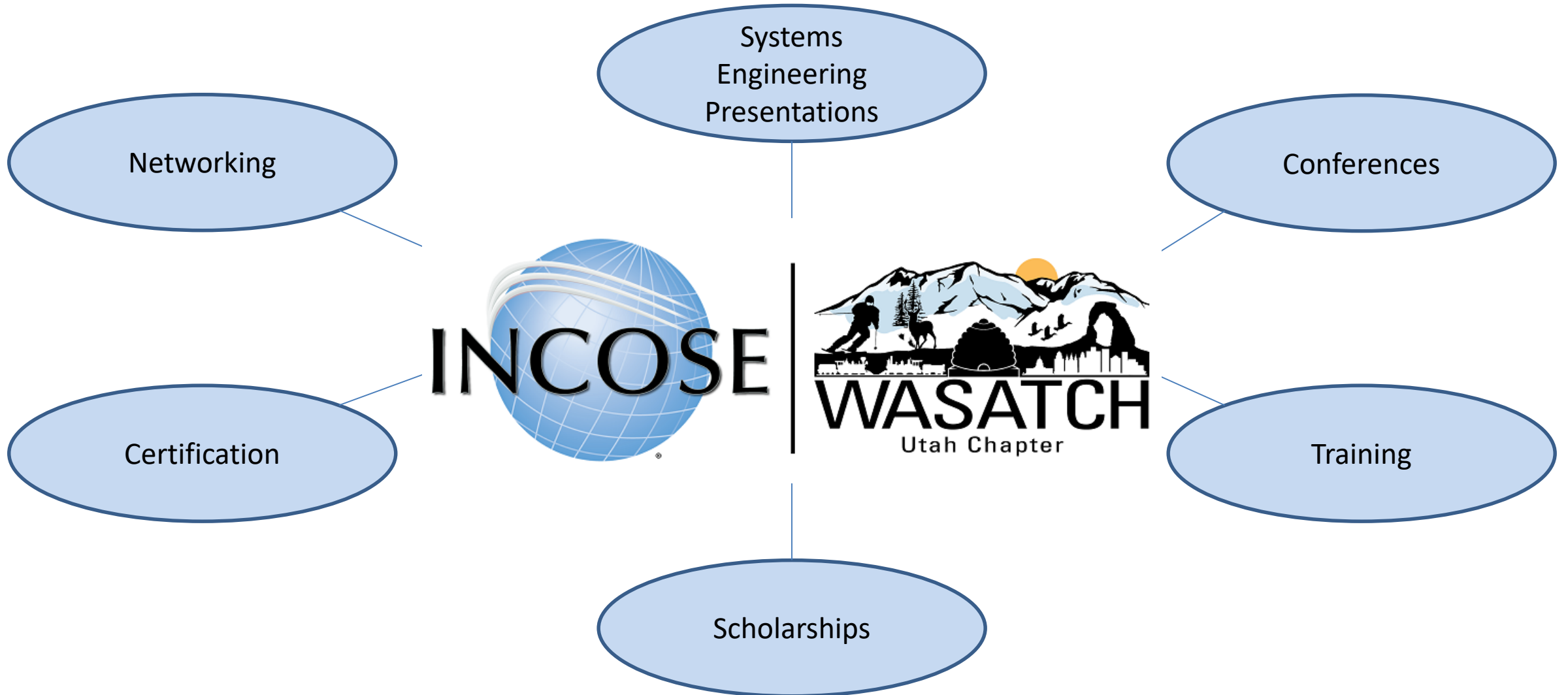
<http://www.incose.org>

What is the INCOSE Wasatch Chapter?

- Chartered in January 1997 to serve Utah systems engineering community
 - Systems Engineers
 - Companies
 - Universities
- Membership is mostly along “Wasatch Front”
- Support Utah systems engineers & companies as we compete in today’s global marketplace
- Member society of Utah Engineers Council (UEC)



What is the INCOSE Wasatch Chapter?



What is the INCOSE Wasatch Chapter?

- The Aerospace Corporation
- Air Force Nuclear Weapons Center
- ASI
- BAE Systems
- Boise State University
- Defense Acquisition University
- Embraer
- Embry Riddle Aeronautical University
- General Dynamics
- General Electric
- Hill Air Force Base
- i3DAY Innovation
- **KIHOMAC**
- L-3 Harris
- Lockheed Martin
- **Northrop Grumman**
- Siemens
- System Solutions
- Utah State University
- Weber State University

New & Renewed Members

- Welcome our new member.
 - Jon Walker (T.D. Williamson)
- Thank you for renewing.
 - Dr. David Wetzel (Weber State University)

Leadership & Officer Training

Name	Officer Role	Company	E-mail Address
Paul White	President	KIHOMAC	Paul.White@kihomac.com
Angie Harbert	Vice President	Northrop Grumman	angie.harbert@ngc.com
Rachel Geerlings	Secretary	Northrop Grumman	rachel.geerlings@ngc.com
John Richards	Treasurer	Northrop Grumman	john.richards@ngc.com
Ernest Kyed	Director-at-Large	Northrop Grumman	ernest.kyed@ngc.com
Vince Johnston	Director-at-Large	L3 Harris	Vincent.b.Johnston@L3Harris.com
John McCrea	Director-at-Large	AFNWC/NIAB - Hill Air Force Base	johnpatmccrea@gmail.com
Paul Nelson	Director-at-Large	Northrop Grumman	paul.nelson@ngc.com

Bylaws are available on the chapter website:

<http://www.incose.org/wasatch>

(Library and Resources)

Quarterly video-teleconferences to touch base

Officers are required; all are invited.

Americas Sector Monthly Tagups

Sector announcements, issues, challenges, etc.

Discussions about relevant systems engineering topics

Training – Complete by April 15th

(NOTE: This is the training.)

Officer Letters

Planning

- Surveys
 - INCOSE Chapter Satisfaction Survey
 - Our Own Chapter Survey – June 2020
- Planning Documents
 - Strategic Plan – Vision, Mission, Goals
 - Operations Plan – Events, Communications, Membership, Technical Contributions, Outreach & Collaboration, INCOSE Support, Operations & Local Recognition
 - April 15th Deadline!
- Budget
 - End of Year Report due by February 15th.

Events

- Chapter Meetings – Always on 2nd Thursdays of the month
 - 1/9 -- Planning & Kihomac Tour (TBD) -- NOTE: We start the year with a planning meeting--facilitated by chapter president.
 - 2/13 -- Introduction to Systems Engineering @ Weber State (Thank you, Nicole Batty.)
 - 3/12 -- Louise Mudd. Topic "measurement techniques to ensure appropriate process maturity, while minimizing wasted efforts related to attempting to mature a process to quickly" (Will shorten the title)
 - 4/9
 - 5/14 -- Charlie Vono. Topic -- Planetary Defenses
 - 6/11 -- Sandy Friedenthal. Topic -- SysML v 2.0 (Thank you, John Richards.)
- 7/9 -- 4th Annual Summer Social @ Northrop Grumman Conference Center. Topics & Speakers -- TBD
- 8/13 -- 4th AIAA/INCOSE August is for Aerospace @ Roosters

Events

- One Local Tutorial (3-8 hours in length)
- Local Seminar or Mini-conference (1-1.5 days in length)
 - Multiple Speakers
 - Panels
 - Tutorials
 - Exhibits

Events

- One Regional Conference – Western States Regional Conference (WSRC)
 - Sept. 17-19, 2020
 - Seattle, Washington
 - **Sponsorship (\$750 in 2020)**

Communications

- Chapter Website – <https://www.incose.org/wasatch>
- Chapter Newsletter
 - Slides available on chapter website
 - Do we have time and infrastructure to support a more formal newsletter?
- Event Notifications
 - Mailchimp – “INCOSE Wasatch Chapter” (Secretary)
- Social Media
 - Facebook -- <https://www.facebook.com/groups/incose.wasatch/> (Director-at-Large)
 - LinkedIn?
- Industry Ambassador Program?

Membership

- 48 Active Members
 - Up from 32 on 1/1/2019 (50% increase)
 - Recognition of new & renewed members
 - One of the fastest growing chapters in INCOSE!
 - 79% Retention
- 88 Lapsed Members
- Our members are our most important asset!
 - We need to improve communication and follow-up
 - Chapter newsletter?
 - Social media – LinkedIn, Facebook, Instagram, Twitter?
 - Students?
 - Membership Fee Increase – March 26, 2019 -- <https://www.incose.org/docs/default-source/policiesbylaws/price-list.pdf>

Technical Contributions

- INCOSE Working Groups
- INCOSE Certification
 - Identify members who want to become certified
 - Offer opportunities for currently certified members to maintain certifications
 - Have one certification event
 - SEP Beta Exam in 2020

Outreach & Collaboration

- Local Associations
 - AIAA – 50/50 sponsorship of UEC \$1,500 scholarship (\$750 from INCOSE Wasatch)
 - Others?
- INCOSE Corporate Advisory Board
 - Northrop Grumman
 - L-3/Harris
 - BAE Systems
 - Lockheed Martin
 - New Company?
- Corporate Sponsorship

Outreach & Collaboration

- Academia
 - Weber State University
 - University of Utah
 - Utah State University
- UEC
 - Awards – Due Jan. 15
 - Engineer of the Year – John Metcalf
 - Engineering Educator of the Year – Dr. David Wetzel
 - Fresh Face of Engineering of the Year – John McCrea
 - Banquet
 - Sat., Feb. 22, 2020, in Midvale
 - **Table of 8 (\$522.24) – 3 Award Nominees, 1 Officer, & One Guest Each**
 - Article for UEC Journal – Dr. David Wetzel

Outreach & Collaboration

- Other Domains
 - Health Care / Medical Device Manufacturers
 - Silicon Slopes
 - Manufacturing

INCOSE Support

- Seattle Metro Chapter – Sponsor & Help Plan WSRC
- North Texas Chapter – Paul White to present in March
- INCOSE Foundation, Scholarship Fund, and/or Engineers Week?
- INCOSE Founder, Fellow, or Service

INCOSE Support

- INCOSE 2020 Annual International Workshop (IW)
 - January 25-28, 2020
 - Torrance, California
- INCOSE 30th Annual International Symposium
 - July 18-23, 2020
 - Cape Town, South Africa



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



30th Annual **INCOSE**
international symposium
Cape Town, South Africa
July 18 - 23, 2020

Operations & Local Recognition

- Elections
 - October 1-31 – Nominations
 - November 1-30 – Ballots with biographies
 - December – Install new officers at ballots
 - Succession planning
- Electronic information with chapter banner

Operations & Local Recognition

- Recognition
 - Officer letters
 - Officer awards
 - Thank you letters to speakers and supporting organizations

Operations & Local Recognition

- INCOSE Circle Awards
 - Criteria that produce successful chapters
 - Serves as a benchmark to measure our performance
 - Guides planning and goals for a year
 - Four levels
 - Platinum
 - Gold
 - Silver
 - Bronze
 - Chapter earned **Gold** circle award for 2018
 - Chapter poised to earn at least **Silver** circle award for 2019
 - Recordkeeping & Submission by Jan. 5, 2021 (Vice President)

Conclusion

- INCOSE is the industry association for systems engineers.
- Wasatch chapter is the local INCOSE chapter.
- Good network of professionals, companies, & organizations
- Great leadership team
- Lots of potential this year
- WSRC and other major outreach events are important
- We welcome your feedback.

Contact Information

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 - 385-393-2137
- Any chapter officer