



**2019**

Annual **INCOSE**  
international workshop

**Torrance, CA, USA**

January 26 - 29, 2019

# Competency

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[www.incose.org/iw2019](http://www.incose.org/iw2019)

# Competency



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## CHAIR

Don Gelosh (dsgelosh@wpi.edu)

## MEMBERS

95

## CO-CHAIR

Mimi Heisey (mimi.heisey@lmco.com)

**INCOSE CONNECT ADDRESS**

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# Charter Summary



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## WG PURPOSE/MISSION

The Competency Working Group was established to improve the practice of Systems Engineering through the development and adoption of competency definitions and associated assessments that address competency management resources that practitioners need.

## WG GOAL(S)

- Develop a globally accepted role based competency framework that is tailorable to the needs of our customer organizations:
- Ensure that the competency framework is consistent with the INCOSE Certification Process and the SE Handbook as well as industry and government standards.
- Address SE Competencies as it relates to Soft Skills (Professional Competencies).
- Maintain and update the Competency Framework as additional competency areas are evaluated for inclusion in the framework.
- Develop an Assessment Guide that provides the competency framework user with a way to evaluate knowledge, skills and abilities of candidate SEs to perform a specific role.
- Collaborate with the Professional Development Initiative to ensure products support training needs analysis.
- Discuss, collaborate, and share in person and online with Working Group members that represent a wide diversity of interests and needs.
- Create products, present panels and or papers, develop and review international standards.
- Share information across Working Groups.
- Evaluate current products against new advancements in SE scope and methodologies such as Model Based SE to ensure that they maintain relevancy.

## WG SCOPE

Our scope is focused on the development and continual improvement of the SE Role Based Competency Framework and

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Assessment Guide through collaboration with users, academia, industry and Working Groups as it relates to changes in SE processes and methods employed throughout a product or system lifecycle.

- Maintain a broad membership to enhance knowledge base.
- Evaluate competency alignment with other organizations/functions such as Program Management.
- Ensure consistency of product with INCOSE SE Handbook and Certification.
- Produce papers for publication.
- Provide training related to framework content and assessment capabilities.
- Collaborate with the INCOSE Professional Development Initiative with training needs assessments.

# Planned Work for IW



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## **Competency WG Strategy Session**

Sun 27 : 13:00-15:00

Meeting to discuss next steps for the new Competency Framework and to lay out a strategy for work to be done at IW2019 and IS2019. The next big step is developing the Assessment Guide.

## **Competency WG Sessions**

Mon 28 : 09:00-10:00

Competency working sessions to start development of the Assessment Guide and to discuss next steps for the Competency Framework, including secession planning.

## **Competency WG Sessions**

Mon 28 : 10:30-12:00

Competency working sessions to start development of the Assessment Guide and to discuss next steps for the Competency Framework, including secession planning.

## **Competency WG Sessions**

Mon 28 : 13:00-15:00

Competency working sessions to start development of the Assessment Guide and to discuss next steps for the Competency Framework, including secession planning.

## **Competency WG Sessions**

Mon 28 : 15:30-17:00

Competency working sessions to start development of the Assessment Guide and to discuss next steps for the Competency Framework, including secession planning.

## **Competency WG Sessions**

Tue 29 : 09:00-10:00

Competency working sessions to start development of the Assessment Guide and to discuss next steps for the Competency Framework, including secession planning.

# Planned Work for IW



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## Competency WG Sessions

Tue 29 : 10:30-12:00

Competency working sessions to start development of the Assessment Guide and to discuss next steps for the Competency Framework, including secession planning.