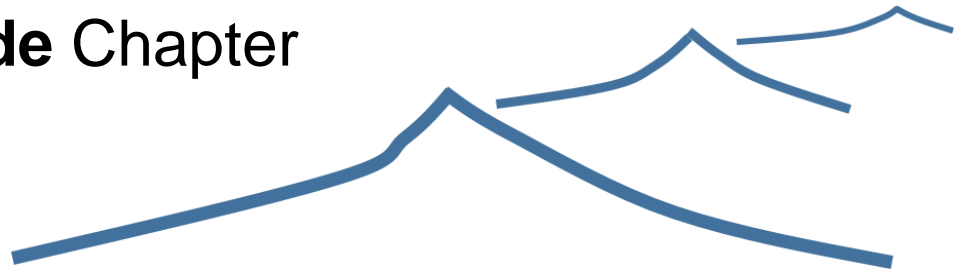




Cascade Chapter



Systems Engineering “Lunch & Learn” #4

Friday, July 10th at 11am – noon, **but join early! See below.**

Agenda:

10:45-11:00a Networking & Check in

11-11:05: Webinar Housekeeping & Welcome to INCOSE Cascade Chapter

11:05-11:35: Presentation on Design of Purposeful Human Activity Systems: *see below*

11:35-11:50: Speaker Q&A

11:50-12pm - General discussion, close out & next meeting(s)

Presentation by Dr. Javier Calvo-Amodio:

Design of Purposeful Human Activity Systems:

Organizational processes that enhance existing organizational cultures

Brief:

Dr. Javier Calvo-Amodio's research focus is on developing fundamental understanding of how to integrate systems science into industrial and systems engineering research and practice. The aim of this focus is on the design of organizational processes that integrate to and/or enhance existing organizational cultures. His research group, Change and Reliable Systems Engineering and Management (CaRSEM), works with Oregon's industry, state and federal agencies, and other professional societies.

Defining organizations as purposeful human activity systems opens a holistic approach to organizational design that considers the interactions between physical and conceptual systems. From this perspective is possible to design organizational processes that provide sufficient level of centralized organizational control and cohesion while at the same time enabling autonomy and adaptability to specific units. In this presentation, Dr. Calvo-Amodio will provide a brief overview of the theoretical underpinnings for this approach and will present an example on how to apply the theory.

Our Presenter:

Javier Calvo-Amodio, Ph.D. is an associate professor of Industrial and Manufacturing Engineering at Oregon State University, where he directs the Change and Reliable Systems Engineering and Management Research Group (CaRSEM). He received his Ph.D. in Systems and Engineering Management from Texas Tech University, his MS in Business Management from the University of Hull in the United Kingdom, and his B.S. in Industrial and Systems Engineering from Tecnológico de Monterrey in Mexico. He serves currently as the chair of the Systems Science Working Group at INCOSE.

Join Early:

Just as we would in a physical meeting, join us early and chat about your favorite systems engineering topic. The meeting link will open 15 minutes before the main meeting starts to allow some 'social' time.

Register in advance for this meeting:

<https://incose-org.zoom.us/meeting/register/tJ0oc--vpz4qGNCEpQXMAe5SzVsUMbVvoEHk>

After registering, you will receive a confirmation email containing information about joining the meeting.