2019
Annual INCOSE
international workshop
Torrance, CA, USA
January 26 - 29, 2019

Systems Science

www.incose.org/iw2019

Systems Science

CHAIR

James Martin (martinqzx@gmail.com)

MEMBERS

250

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INCOSE CONNECT ADDRESS

https://connect.incose.org/WorkingGroups/SystemsScience/Pages/Home.aspx

INCOSE WEB PAGE

https://sites.google.com/site/syssciwg/

Charter Summary

WG PURPOSE/MISSION

Promote the advancement and understanding of Systems Science and its application of Systems Theories to SE.

WG GOAL(S)

1. Encourage advancement of Systems Science principles and concepts as they apply to Systems Engineering.
2. Promote awareness of Systems Science as a foundation for Systems Engineering.
3. Highlight linkages between Systems Science theories and empirical practices of Systems Engineering.

WG SCOPE

1. Systems science
2. Systems philosophy
3. Systems thinking
4. Systems theories and research
5. Systems laws and principles

IW Outcomes

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Twenty sessions with 25-35 people per day, overall 65 people in attendance.

Planned Work past IW

PLANNED ACTIVITIES

Plan for workshop at IS on Systems Literacy.
Plan for workshop at EMEA Workshop.
Plan for support to ISSS Conference in June.

PLANNED WORK PRODUCTS

Systemology Primer.
Systems Thinking Primer.
Several journal articles.
Eight chapters in Systems Science Handbook (Springer).
Systems Processes database.