



2019

Annual **INCOSE**
international workshop

Torrance, CA, USA

January 26 - 29, 2019

Systems Science

www.incose.org/iw2019

Systems Science



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CHAIR

James Martin (martinqzx@gmail.com)

MEMBERS

250

CO-CHAIRS

Robert Edson (rwedson@mitre.org)

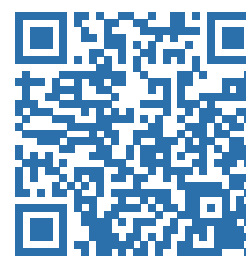
Swaminathan Natarajan (swami.n.natarajan@gmail.com)

INCOSE CONNECT ADDRESS



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

INCOSE WEB PAGE



<https://sites.google.com/site/sysciwg/>

Charter Summary



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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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IW Outcomes

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

Planned Work past IW



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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.