

INCOSE COA Technical Program Plan
updated 5/19/15

Urgency	ID	Urgent Free Form Topics	Planned Month	Speaker1	Speaker2	Date Completed
19%	U1	SE Value, especially to Smaller Organizations	April	Joe Elm	Joe Elm	4/14/15
12%	U2	Systems Thinking				
12%	U3	Model Based Engineering	May	Bill Schindel	Robert Malins	5/10/15
8%	U4	Architecture				
8%	U5	Requirements Elicitation & Analysis				
4%	U6	Cost Engineering				
4%	U7	Measuring SE proficiency				
4%	U8	Product Lines				
4%	U9	Resilient Systems				
4%	U10	Lean and Agile System Innovation	May	Bill Schindel		5/10/15
4%	U11	Integration into undergrad curriculum				
4%	U12	Energy infrastructure, distribution, generation				
4%	U13	Healthcare delivery system				
10% to 13%	S1 S1	AS06 Biomedical, Health & Social Services Healthcare	May		Robert Malins	5/10/15
9% to 12%	S2	AS02 Government, Defense & Security				
	S2	Defense Systems				
8% to 12%	S3	AS04 Energy				
	S3	Power & Energy Systems				
3% to 18%	S4	Tools Integration & Interoperability				
	S4	Tools Database				
9% to 16%	S5	AS03 Information & Communications				
	S6	AS05 Consumer Products & Services				
4% to 8%	S7	AS08 Infrastructure & Resource Management				
	S7	Infrastructure				
6%	S8	SE in Very Small Entities				
12% to 19%	E1	System Architecture				
	E1	SEE06 Architectural Design				
15%	E2	SEE01 Systems Thinking				
	E3	SEE24 MBSE	May	Bill Schindel	Robert Malins	5/10/15
3% to 12%	E3	Model-based Conceptual Design and MBSE				
	E3	SEE26 Modelling and Simulation				
	E3	Object-Oriented SE Method				
5% to 12%	E4	Systems Science				
	E4	SEE04 Systems Science				
9%	E5	SEE07 System Integration				
	E6	Decision Analysis				
8%	E7	Agile Systems				
1% to 6%	E8	SEE05 Requirements Elicitation and Management				
	E8	Requirements				
	E9	Systems Engineering Effectiveness				
	E9	Lean Systems Engineering				
1% to 6%	E9	SEE22 Life-cycle Costing / Economic Evaluation				
	E9	Affordability				
	E9	Cost Engineering				
6%	E10	Product Lines				
	E11	Complex Systems				
4%	E11	SEE02 Complexity Science				
4% to 5%	E12	Autonomous Systems Test & Evaluation				
	E12	SEE08 Verification / Validation				
NA	O1	SE Educational Resources Available to Members				
NA	O2	SE Graduate Certificate & Education Programs				
NA	O3	Domain-Specific Project Case Studies				
NA	O4	Global and Regional INCOSE Family Resources	March	Schindel	Surber, Celentano	3/10/15
NA	O5	The INCOSE Certification Program				