Meeting Agenda: INCOSE PBSE Patterns Challenge Team of MBSE Initiative (Web conferenced)

Tuesday, May 19, 2015, 4:00 – 5:00 PM   Eastern Time

	4:00 – 5:00 PM EST
Meeting start up: • Review of meeting objectives and agenda – *at request of members, today's meeting returns to more technical focus* • Introduction of participants • Why the Patterns Challenge Team exists: Goals and approach	4:00 – 4:05
Announcements and updates: • Our team's co-chair, Troy Peterson, named INCOSE Asst. Director for SE Transformation to MBSE • INCOSE Great Lakes Regional Conference (GLRC9) 2015: Cleveland, October 23-25, 2015; submissions, registration: https://www.incose.org/newsevents/currentevents/2015/01/14/incose-great-lakes-9th-regional-conference-2015-(glrc9) • Look for five or our team's papers at IS2015, Seattle, July: Pickard (best paper award); Cook; Peterson; Sanyal; Schindel • Updated PBSE Methodology Summary, based on team feedback (thank you!), for INCOSE MBSE Methodologies submission • Agile SE Life Cycle Model (ASELCM) Project (joint w/Agile WG) host enterprise workshops to begin August; five orgs in pipeline • SE Social Network Pattern Project started (Hoffman), for presentation at GLRC2015 in October • Health Care Delivery Pattern Application (Joint with Health Care WG) started (Thukral), for presentation at GLRC2015 in Oct • INCOSE Chapter presentations on PBSE: Northern Ohio (May 19); Previous: Crossroads of America, Chicagoland, Enchantment, Michigan, Finger Lakes • Other announcements or updates?	4:05 – 4:15
PBSE technical subjects—discussion of four related subjects, in progression: • Brief review of HLR (high level requirements framework) portion of S*Metamodel • Criticality of Interactions to the heart of MBSE and PBSE, science and engineering • Viewing Requirements Statements as non-linear Transfer Functions • Gestalt Rules in PBSE – and their connections to the above and applications in understanding system patterns	4:15 – 4:50
Planning discussion: • Discussion of candidates for focus of Patterns Challenge Team meeting at IS2015 in July; meeting schedule for same • Future (Third Wave) Projects Pipeline Candidates:	4:50 – 5:00

Mapping PBSE to COTS Tools and Information Systems	Example SOS Pattern (Joint with SoS WG)
Mapping to ISO 15288; Processes vs. Data (Maps vs. Itineraries)	Supporting INCOSE objective for SE model-based; Case for Stronger Model Semantics
PBSE Implementation Strategies	Other interests from team members
Example Product Line Engineering (PLE) Pattern (Joint w/PLE WG)	

• Future meetings schedule: Pace, rate, calendar
• Outreach: Who else should be involved? Example—other INCOSE WGs that are natural Patterns applications. Ideas?

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