

NE INCOSE Member Meeting

February 18th, 2020

Site 1- UConn Hartford, (8)
UConn Hartford Room 216

Site 2-LM-Sikorsky (Employees only) (11)
Sikorsky Marine One Conference Room

Site 3 – BAE Systems, (4)
Manchester Street, Merrimack, NH

Site 4 – General Dynamics (9)
Pittsfield, MA

Site 5 – Raytheon (1)
Woburn, MA

Online 6 – Webex (17)
North East Region

- **6:00 – 6:30 Welcome / Introductions and Dinner**

- **6:30 – 7:00 Chapter Business**
 - **Agenda item 1:**
Committee memberships and Activities
 - **Agenda item 2:**
INCOSE IW 2020 Torrance, CA | Jan 25 - Jan 28, 2020
Report by Chad Walker

- **7:00 – 7:45 “Product Family and Product Platform Benchmarking and Redesign”
by Dr. Timothy Simpson (Penn State University)**

- **7:45 – 8:00 Q & A / Wrap Up**

INCOSE IW 2020 Report



- New to INCOSE
 - FuSE (Future of SE)
 - Smart Cities Initiative
 - Soft Skills Working Group
 - The Grand Challenge



INCOSE IW 2020 Brief

- INCOSE Technical Leadership Institute (TLI)
 - “Leadership Through Influence” – the topic
 - Towards a technical leadership model – the driver
 - Stories, the business narrative, and innovation – the means





Co-develop presentation on Ingenuity and Engineering

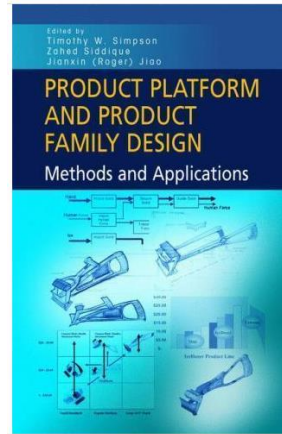
- **6:00 – 6:30 Welcome / Introductions and Dinner**

- **6:30 – 7:00 Chapter Business**
 - **Agenda item 1:**
Committee memberships and Activities
 - **Agenda item 2:**
INCOSE IW 2020 Torrance, CA | Jan 25 - Jan 28, 2020
Report by Chad Walker

- **7:00 – 7:45 “Product Family and Product Platform Benchmarking and Redesign”
by Dr. Timothy Simpson (Penn State University)**

- **7:45 – 8:00 Q & A / Wrap Up**

Speaker – Dr. Timothy Simpson



Bio: Dr. Simpson is the Paul Morrow Professor of Engineering Design and Manufacturing at Penn State with affiliate appointments in Architecture and Information Sciences & Technology. He serves as the co-Director of CIMP-3D (www.cimp-3d.org) and oversees the world's first graduate program in Additive Manufacturing & Design. He has been PI or Co-PI on over \$25M in funding for his research in product family and product platform design, additive manufacturing and 3D printing, and multidisciplinary design optimization and trade space visualization. He has published over 300 peer-reviewed journal and conference papers, and he is the lead editor on two books on product family design, *Product Platform and Product Family Design: Methods & Applications* and *Advances in Product Family and Product Platform Design: Methods & Applications*. He has collaborated on platforming projects with more than 40 companies, and his short course on product family design that he co-teaches at MIT has engaged over 300 industry practitioners to date. He has received numerous awards for outstanding research and teaching at Penn State, including the 2007 Penn State President's Award for Excellence in Academic Integration. He is a recipient of the ASME Design Automation Award, Robert E. Abbott Award, and Ben C. Sparks Award as well as the ASEE Fred Merryfield Design Award. He is a Fellow in ASME and an Associate Fellow in AIAA, and he chairs the ASME Design, Manufacturing, and Materials Segment Leadership Team. He received his Ph.D. and M.S. degrees in Mechanical Engineering from Georgia Tech and his B.S. in Mechanical Engineering from Cornell.