



CYBER ENDEAVOUR 2016
The Internet of Everything and the Impact on National Security
NAVAL POSTGRADUATE SCHOOL, MONTEREY CALIFORNIA
JUNE 21-23, 2016

Location: Glasgow Hall, Room 102

- June 19-21** **Cyber X-Games**
0800-0900 On-Site Registration (Cyber X-Games Participants Only) Cyber X-Games Begins
- June 21** **Cyber Cities**
0800-0900 Registration and Check In
- 0900-0910 **Welcoming Remarks**
Naval Postgraduate School, Chair - Department of Defense Analysis - Dr. John Arquilla
- 0910-0915 **Introduction of Keynote Speaker**
Director, DOD IO Center for Research - Dr. Hy Rothstein,
- 0915-1000 **Distinguished Speaker** – Defense Innovation Unit Experimental (DIUx) Director Raj Shah
- 1000-1100 **Panel: The Internet of Everything Current and Future:**
Cisco Strategic PM – Joseph Beel, Cisco Distinguished Engineer - Stephen Orr and Director PACOM Sensemaking Fellowship - Dr. Steven Chan
- 1100-1115 **Break**
- 1115-1200 **Cyber Training: Venues for Cyber City Testing and Training**
Director, National Cyber Range - Peter Christensen and Army Reserve Cyber Operations Group S3- MAJ Michael Lewis
- 1200-1300 **Lunch**
- 1300-1430 **Panel: What are Cyber Cities?: Opportunities and Challenges** (Moderator - MAJ Natalie Vanatta)
GM IBM – Robert Griffin, Massachusetts Institute of Technology (MIT) - Gregory Falco, Carnegie Mellon University (CMU)- Matt Butkovic, Edward Contreras Silicon Valley Bank, and Naval Postgraduate School - CDR Pablo Breuer
- 1430-1445 **Break**
- 1445-1615 **Panel: Skills Required for Operating in a Cyber City** (Moderator - CW3 Judith Esquibel)
NPS- CDR Breuer, Hacker - Fernandez, Jose, 780th MI - CW3 Negron, Director Lockheed Martin – Lori Pridmore
- 1615-1630 **Day One Closing Remarks** - COL Michael Smith
- 1700-1900 **Social: Cyber Endeavour Mixer** – Herrmann Hall Basement **LaNovia Room**



June 22 The Evolving Threats and Challenges

Location: Glasgow Hall, Room 102

- 0700-0800 **Registration and Check In**
- 0800-0805 **Day Two Welcoming Remarks – Dr. Hy Rothstein**
- 0805-0935 **Panel: Government and Industry Responsibilities – CONUS & OCONUS** (Dr. Steven Chan)
American International Group (AIG) Jim Patterson, GM IBM Bob Griffin, DHS - Antonio Scurlock,
FBI InfraGard - Rafael Fernandez
- 0935-0945 **Break**
- 0945-1115 **Panel: Cyber Threats to Domestic Systems** (Moderator - CPT Brent Chapman)
DHS - Antonio Scurlock, Washington National Guard - Billy Rios, Grand Idea Studio - Joe Grand,
Van Dyke Technology Group - Dr. Ernie Hampson
- 1115-1145 **Speaker:** Lt Tyson Meadors "Project BLACKBEARD and Beyond"
- 1145-1315 **Catered Lunch:** "Smart Grid and the Internet of Everything" Robert Spousta – **Herrmann Hall Ballroom**
- 1315-1445 **Panel: Cyber Sovereignty Ethical and Legal Considerations** (Moderator - Robert Spousta)
NPS - Dr. BJ Strawser, DOE - CDR Elliot Oxman, Electronic Frontier Foundation – Nate Cardozo, 335th
SC(T) - COL Adam Siegler, USNA - Jeffery Kosseff, NATO Cyber Center - Liis Vihul
- 1445-1530 **Distinguished Guest Speaker:** Deputy Commanding General for the Joint Force Headquarters-
ARCYBER- BG Maria B. Barrett
- 1530-1540 **Break**
- 1540-1700 **Panel: Planes, Trains and Automobiles (and Ships)** (CPT Brent Chapman)
Applied Control Solutions - Joe Weiss, Battelle - Matthew Wyckhouse, Director for CRUSER (Robotics)
– Dr. Ray Buettner- Director for CRUSER (Robotics), Director Sierra Nevada Corporation – Mark
Nelson
- 1700-1705 **Day Two Closing Remarks** MAJ Michael Klipstein, President Monterey Chapter Military Cyber
Professional Association and Doctoral Candidate
- 1710-1900 **Social:** NPS Cyber Club and Military Cyber Professionals Association - **Del Monte Hotel LaNovia Room**



June 23 Considerations for Operating in Cyber Cities

Location: Glasgow Hall, SCIF

- 0700-0800 **Registration and Check In**
- 0800-0830 **Day Three Welcoming Remarks** – 335th SC (T) Commander - BG Kemp
- 0830-0940 **Future Urban Operations** (Moderator - LtCol John Lewis)
Joint Interagency Task Force - SGM Richard Russo, J5 Transregional Threats Coordination Cell - MAJ Derek Smith, CMU - Justin Valdengo
- 0940-0950 **Break**
- 0950-1100 **Panel: Intelligence Preparation of the Cyber Domain** (Moderator – Special Agent Rafael Fernandez)
DIA – Ronald Carback, NPS -CDR Pablo Breuer, Center for Information Warfare & Innovation - CAPT Daniel Verheul,
- 1100-1130 **Distinguished Speaker via SVTC:** Commander, US Fleet Cyber Command. Commander US 10th Fleet - VADM Jan Tighe
- 1130-1230 **Lunch**
- 1230-1300 **Reissuing Badges**
- 1300-1430 **Panel: OCONUS Threats and Challenges** (Moderator - MAJ Michael Klipstein)
EUCOM Joint Cyber Center - Lt Col Courchaine, PACOM J6 – Dr. Fuzzy Wells, DIUx - Capt Brandon Johns, Palo Alto Networks - MG(R) John Davis
- 1430-1445 **Break**
- 1445- 1600 **Panel: Cyber Capabilities and Limitations** (Moderator - CDR Pablo Breuer)
CEO Neoprime – TR Koncher, MIT Lincoln Laboratory - Dr. Matt Leahy, Navy Cyber Warfare Development Group - LCDR Thomas Parker
- 1600- 1650 **Panel – DOD Way Forward** (Moderator – Dr. Hy Rothstein)
Palo Alto Networks - MG(R) John Davis, 335th SC (T) Commander - COL James Chatfield, DIUx - Capt Brandon Johns
- 1650-1700 **Closing Remarks:** Dr. Hy Rothstein