



12TH ANNUAL PACIFIC INFORMATION OPERATIONS & ELECTROMAGNETIC WARFARE SYMPOSIUM

October 17 & 18, 2023 at Alohilani Resort Waikiki Beach | October 19 & 20, 2023 at Camp Smith





12TH ANNUAL PACIFIC INFORMATION
OPERATIONS & ELECTROMAGNETIC
WARFARE SYMPOSIUM

12th Annual Pacific IO & EW Symposium

AGENDA - 16-20 OCT 2023

“Integrated Deterrence One Year On: Are We There Yet?”

Topics represented in presentations:

THREAT DETERRENCE DISINFO CYBER PRACTITIONERS DOCTRINE EW A & P IO TOOLS COUNTER
MALIGN INFLUENCE ASSESSMENT INNOVATION EDUCATION

Day 1 – Monday 16 October 2023 (Virtual)

LIVE VIRTUAL PRESENTATIONS WITH Q&A FOLLOWING.

Symposium Chairman Dr. Arthur Tulak & Co-Chair Dr. Joshua Segal. ¹

- On-Demand (Pre-recorded)** **Virtual Presentation #1** Mr. Eric Ridge, Deputy Assistant Secretary of Defense for Strategy, “In pursuit of Integrated Deterrence”
- 0700 – 0750** **Virtual Presentation #2.** Dr. Arthur N. Tulak, Symposium Chairman, Georgia Tech Research Institute, Introduction to the Symposium and discussion on the Symposium theme. **DETERRENCE**
- 0800 – 0850** **Virtual Presentation #3.** Mr. Ho Ting (Bosco) Hung, the International Team for the Study of Security Verona (ITSS Verona Italy), “Multilateral Cooperation in Building Critical Infrastructure Security and Resilience for Detering China’s Hidden Cyber Threats”
COUNTER MALIGN INFLUENCE
- 0900 – 0950** **Virtual Presentation #4.** MAJ Patrick Cunningham and MAJ Don Gomez, Naval Postgraduate School, “Campaigning in the Information Environment: What does winning ‘look like’ in the information environment regarding Taiwan?” **IO PRACTITIONERS ASSESSMENT**
- 1000 – 1050** **Virtual Presentation #5.** Prof. Antulio Echevarria, U.S. Army War College. “Deterrence and Integrated Deterrence.” **DETERRENCE**
- 1100 – 1150** **Virtual Presentation #6.** LT Khair, Rayhan Imamul, Indonesian Navy, Naval Postgraduate School. “International Surveys and Soft Power: Examining the Influence of Foreign Media Advertisements and South China Sea Events on Global Approval of China”
IO PRACTITIONERS COUNTER MALIGN INFLUENCE A & P.
- 1200 – 1250** **Virtual Presentation #7.** Mr. Craig Astrich, Mr. Adam Sikes, & Dr Barnett Koven, Deloitte Consulting LLP, “Turning the Tables on Debt Trap Diplomacy.” **DETERRENCE**
- 1300 – 1350** **Virtual Presentation #8.** Ms. Marguerite Benson, Founder of Sticky Wicket Advising “Lessons on Deterrence from the Russo-Ukrainian War” **DETERRENCE**

¹ Attendees may pose their questions both during the presentation and after the recordings are posted on-line. Speakers can enter their virtual speaker room to answer questions asynchronously over the course of the symposium.

- 1400 – 1450 **Virtual Presentation #9.** Mr. Gavin Sundwall, Dept. of State, Managing Director for the Undersecretariat of Public Diplomacy and Public Affairs Office of Policy, Planning and Resources (R/PPR), “Collaborating on Information Operations: The only way to Strategically Outcompete Competitors”
- 1500 – 1550 **Virtual Presentation #10.** Dr. Svitlana Volkova, Dr. Janelle Ward, Ms. Laura Cassani, Mr. Louis Penafiel, Robert McCormack, Aptima Inc., "Generative AI and Integrated Deterrence: Emerging Threats and Mitigations" **DETERRENCE IO TOOLS**
- 1600 – 1650 **Virtual Presentation #11.** Mr. Dwayne Florenzie, Senior Strategy Executive, Office of Commercial and Economic Analysis (OCEA), “China's Quest for Information Communication Technology (ICT) Dominance and Proposed Department of the Air Force Countermeasures.” **THREAT**
- 1700 – 1750 **Virtual Presentation #12.** Dr. Amir Bagherpour, Ms. Evelyn Torsher, and Mr. Richard Takacs, Accenture Federal Services, "Pathways to Stability: Using Predictive Modeling and Complex Forecasting as a Tool for Integrated Deterrence" **IO TOOLS**
- 1800 – 2000 **Meet and Greet Reception for Allies and partners, Senior military leaders, at the Alohilani Hotel roof top Long Board Club Makai hosted by our [platinum sponsors](#) (by invitation only).**

Day 2 Tuesday 17 October 2023 (Alohilani Hotel) 2490 Kalakaua Ave, Honolulu, HI, 96815

**IN-PERSON PLENARY in Ballroom II (broadcast over FBC conference delivery platform)
Questions and Answers via SLIDO, sponsored by Information Professionals Association.**

- 0700 – 0800 **Check in and badge issuance / Coffee & Pastries, Provided by [Western Governors University](#).**
- 0755 – 0800 **Lt Cdr Jenny Reid RN, Administrative Remarks**
- 0800 – 0810 **Col Brian Hill, J39 of U.S. Indo-Pacific Command (USINDOPACOM), opening remarks, acknowledgment of virtual speakers present in the room from opening day.**
- 0810 – 0820 **CAPT, Ret., Brian Hinkley, President of the Association of Old Crows, Welcome and Introduction of Keynote Speaker**
- 0820 – 0900 **Keynote Speaker #1. LTG Ret. Michael Nagata, Strategic Advisor and Senior Vice President for CACI International Inc.**
- 0900 – 0940 **Presentation #1. Dr. Michael ‘Mike’ Mazarr, RAND Corp, “Integrated Deterrence: Defining a Concept.” **DETERRENCE****
- 0940 – 1020 **Presentation #2. Mr. Elbridge Colby, The Marathon Initiative. **DETERRENCE****
- 1020 – 1040 **Networking Break (Exhibits in Foyer and Ballroom I) Refreshments sponsored by [Western Governors University](#)**
- 1040 – 1120 **Presentation #3. Prof. Akira Igata, University of Tokyo, “Japan’s view of ‘Integrated Deterrence” **DETERRENCE A & P****
- 1120 – 1200 **Presentation #4. Dr. Shen, Ming-Shih, Acting Deputy CEO of INDSR (Institute for National**

Defense and Security Research), “From Deterrence to Operation Strategy: PLA's A2AD after the 4th Taiwan Strait Crisis” **DETERRENCE** **A & P**

- 1200 – 1300** Buffet Lunch in the Alohilani Ballroom I, sponsored by [New Mexico Tech](#) & [Primer](#)
- 1220 – 1300** Presentation #5. Messrs. Paul Yoo and Steve Espinosa, Influence Apps, Inc., “Harnessing AI to Shape Hearts and Minds” **IO TOOLS**
- 1300 – 1340** Senior Leader Address #1 President Suzanne Vares-Lum, East-West Center,(MG, USA, Ret). “Non DoD Contributions to Integrated Deterrence” **DETERRENCE**
- 1340 – 1420** Presentation #6. MAJ Huang, Ya-Chi, Taiwan Political Warfare, “Counter Cognitive Warfare: Not Only Media Literacy, But Also "Military Literacy" **THREAT** **A & P** **IO PRACTITIONERS**
- 1420 – 1450** Networking Break (Exhibits in Foyer and Ballroom I) Refreshments sponsored by [Western Governors University](#)
- 1450 – 1550** Panel #1 Senior IO Leader Perspectives (IP J39, USFK, CCMDs, Service Components, A&P IO Leaders) Moderator Col Brian Hill. Panel members, COL Matt Sheiffer (AFRICOM), COL Eric Johnson (8th POG), CAPT Rob Smilie, RAN, LT COL Oliver T. Baylon, Armed Forces of the Philippines **DETERRENCE**
- 1500 – 1550** BREAK OUT SESSION #1 in the Stingray Conference Room. Dexter Sapinoso, Col, USAF (Ret), Program Manager, USINDOPACOM J8 AFJO LNO, Dr. Rebecca Goolsby, Program Officer, Office of Naval Research “Joint Operations in the Information Environment Playbook Toolkit (J-OPTiK)” [Note: max participation is 40 personnel] **IO TOOLS**
- 1600 – 1800** Networking Reception and Social at the rooftop Swell Deck Bar & Lounge, hosted by [BAE Systems](#)

Program* - Day 3 - Wednesday 18 October 2023 (Alohilani Hotel)

- 0700 – 0800** Check in / Coffee & Pastries, Provided by [Western Governors University](#).
- 0800 – 0820** Symposium Co-Chair, Lt Cdr Jenny Reid RN, USINDOPACOM J39, Opening Remarks, highlight focus of the day’s agenda on EW, introduction of keynote speaker
- 0820 – 0900** Keynote speaker #2. MG Joshua Rudd, Chief of Staff, USINDOPACOM.
- 0900 – 0940** Presentation #7. Brig Gen, Ret. David “Stilly” Stilwell, Institute for Future Conflict, U.S. Air Force Academy, “Public Diplomacy for the New Cold War” **DETERRENCE**
- 0940 – 1010** Networking Break (Exhibits in Foyer and Ballroom I) Refreshments sponsored by [Western Governors University](#)
- 1010 – 1050** Presentation #8. Ms. Bay Fang, President, Radio Free Asia, “RFA and China in the Information Space: an Integrated Vision Across Borders.”
- 1050 – 1130** Presentation #9. Prof. Austin Branch, “Outside the Echo Chamber: The Network of Networks – Leveraging the Power of the Entertainment and Gaming Industry.”

- 1130 – 1300 Buffet Lunch in Ballroom I.** Pick-up special event vehicle passes at check-in desk for entry to Camp H.M. Smith, sponsored by [New Mexico Tech](#) & [Primer](#).
- 1150 – 1230 Presentation #10. Dr. Andrew Whiskeyman**, Associate Professor, College of Information and Cyberspace at the National Defense University, "The Influencer's Dilemma" **Alohilani Ballroom II INNOVATION**
- 1235 – 1255 Awards & Scholarships Presentations.** AOC Awards presented by Association of Old Crows and the Diamond Head Chapter, and Information Professionals Assn. Hermes Award. Chesapeake Technology International and Peraton scholarship presentations.
- 1300 – 1340 Senior Leader Address #2. Mr. Michael Schiffer**, Bureau for Asia Assistant Administrator, U.S. Agency for International Development (USAID).
- 1340 – 1440 BREAK OUT SESSION #2 Mr. Bernard F. Carey Jr.**, SAIC, Multinational National Planning Augmentation Team, USINDOPACOM J7, "Information Operations in the MNF SOP."
- 1340 – 1420 Presentation #11. Ms. Michèle Kimpel Guzmán**, China Team Deputy Director at the State Department's Global Engagement Center, Department of State, "GEC Approach to Countering PRC Information Manipulation." **DISINFO**
- 1440 – 1510 BREAK OUT SESSION #3** Stingray Conference Room. **MAJ Don Gomez**, Naval Postgraduate School, IO Wargame. This is an audience participation wargame for information operations. [Note: max participation is 21 personnel] **EDUCATION IO PRACTITIONERS**
- 1420 – 1500 Presentation #12. Office of Information Operations Policy (OIOP), Mr. James Jabinal, Mr. Greg Johnson, LTC Barbara "Babs" Berninger**, Office of Information Operations Policy, OUSD(P), ASD SOLIC, "OIOP Updates."
- 1500 – 1530 Networking Break** (Exhibits in Foyer and Ballroom I) Refreshments sponsored by [Western Governors University](#)
- 1530 – 1610 Presentation #13. Maj Christopher Perry**, "Expanding IW concepts into Air Force doctrine and professional military and developmental education." **EDUCATION IO PRACTITIONERS**
- 1540 – 1610 BREAK OUT SESSION #4** Stingray Conference Room. **Mr. Gittipong "Eddie" Paruchabutr**, Ridgeline International, "Ubiquitous Technical Surveillance."
- 1610 – 1650 Presentation #14. Dr. Bonnie Johnson**. Naval Postgraduate School, "Understanding the Role of Emerging Technology Capabilities for Strategic Deterrence." **IO TOOLS**
- 1650 – 1715 Col Hill, J39**, Instructions for classified plenary, Acknowledgement of Sponsors/Presenters/ Alohilani Hotel Staff.
- 1730 – 1900 J39 Pau Hana Social** in the Stingray conference room. By invitation only, co-sponsored by [Booz Allen Hamilton](#), the [Assn. of Old Crows](#), and the [Information Professionals Assn.](#)
- 1800 – 2000 Vannevar Labs Happy Hour** at the [Marriott Laylow Waikiki Hotel](#). This event is by invite only - please reach out to the Vannevar team at their exhibit table if you need more information.

Program* - Day 4 – Thursday 19 October 2023, Classified Discussions at Camp H.M. Smith

0800 – 1130 CLASSIFICATION: **SECRET//REL TO USA, DEU, FRA, JPN, KOR, FVEY** at Camp H. M. Smith in the ADM John Towers Conference Center, and overflow at USARPAC C2F and MARFORPAC IE DIV. Break out sessions in J2 Conference Rooms.

0800 – 0805 **Symposium Co-Chair, LCDR Patrick Dees**, USINDOPACOM J39: Day #4 Administrative Remarks, Schedule Review, Security Brief.

0805 – 0815 **Col Brian Hill**, USINDOPACOM J39 – Welcome and Introduction of Keynote Speaker

0815 – 0900 **Keynote Speaker #3. RDML Michael Brown**, Operations in the Information Environment Director, OPNAV N2N6.

0900 - 0940 **Presentation #15. Mr. Scott Philips**, Vannevar Labs CTO, “Assessment of the execution of integrated deterrence strategies via campaigning” **DETERRENCE** **ASSESSMENT**

0940– 1000 **Networking Break**

1000 – 1040 **Presentation #16. Ms. Rebecca Fair**, Vice-President, Twosixtech, “What threatens the PRC the most? \ Quantifying PRC Information Operations in Response to US OAs as a Tool for Understanding Deterrence Capabilities. **IO TOOLS**

1000 - 1045 **Break-Out Session #1. Dr. Andrew Stark**, Senior Research Engineer, Georgia Tech Research Institute, “New Photonic Subsystems for Electronic Warfare,” **SECRET//NOFORN** **EW** **J2 Conference Room**

1045 – 1130 **Break-Out Session #2. Mr. Brandon Babin**, USINDOPACOM J2, “What Deters China?” **DETERRENCE** **J2 Conference Room** **TS//NOFORN**

1040 – 1130 **Panel #2. Panel Moderator Col John A. ‘Limey’ Christianson**, Deputy, 350 Spectrum Warfare Wing, “EW Data as a Weapon.” **Panel Members: CAPT Kassian Meeseburg**, German Cyber & Information Domain Service HQ, **Lt Col Thomas Draper**, ACC 55 ECG, **Mr. Jason Chaves**, 350th SWW. **EW**

1100 – 1200 **Break-Out Session #3 (selected personnel) Multilateral Communication Synchronization Working Group. Mr. Derrick Cheng**, Strategic Communications Planner, J02CST, location TBD **Classification: SECRET//REL TO USA, FRA, JPN, FVEY.**

1130 – 1300 **LUNCH BREAK** At Camp Smith: – [Sunset Lanai](#), [El Chino Loco Food Truck](#), Marine Mart, [Aloha Kitchen](#) in MARFORPAC HQ (Bldg. 4), and the Food Court in Bldg. 700. At the Pacific Warfighting Center: [Streatz Food Truck](#)

1300 – 1700 Classification changes to **SECRET//REL TO USA, FVEY**

1300 – 1340 **Presentation #17. UK MOD MSE**, Title CAPT Graham Lovatt, “Update from UK MOD: Assessment on Deterrence” **A & P**

1300 – 1400 **Break-Out Session #4. TBD**

- 1340 – 1420 **Presentation #18. AUSTRALIA, CAPT Rob Smilie**, Director Theatre Effects (J39/J3E) HQJOC
“Australian Strategic Effects and Influence in the Indo-Pacific” **A & P SECRET//REL TO USA, FVEY**
- 1420 – 1440 **Networking Break**
- 1430 – 1530 **Break-Out Session #5. OUSD (I&S) Influence & Perception Mgmt Office: Ms. Sharayn T. Menné, Acting Deputy Director, Mr. Adam Grise** (Chief of Intel Support), **Ms. Annika Kastetter**, “Assessing Deterrence” **ASSESSMENT DETERRENCE TOP SECRET//NOFORN J2 Conference Room**
- 1440 – 1520 **Presentation #19. Mr. D. Sam Stevens**, “UK Employment of a Data-Centric C2 tool in their Permanent Joint Headquarters and the Mission Partner Environment.” **A & P IO TOOLS**
- 1520 – 1610 **Panel #3: “EMSO At The Point Of Execution,”** Lead Discussant, **Mr. Scott ‘Sherm’ Oliver, CDR, USN (Ret)**, Booz Allen Hamilton, panel members: **Lt USAF Col Andrew “Auto” Glass**, (STRATCOM), (TBD, PACFLT), (TBD, USARPAC), **LtCol Michael Lynch** (JEWG), **Mr. Jasen Craven** (PACAF), **LT Kory Kepner** (SOCPAC). **EW EW PRACTITIONERS**
- 1610 – 1650 **Presentation #20. Mr. Jason Chung**, Premise, “CAVEAT: Leveraging Commercially Available Information to Monitor an Adversary in Semi- and Non-Permissive Operating Environments.” **IO TOOLS**
- 1650 – 1700 **Col Brian Hill**, USARPAC J39, Director Information Operations: Summary & guidance for Day #5
- Day 5 – Friday, 20 October, 2023, SECRET// REL TO USA, FVEY**, (ADM John Towers Conference Center, Camp H.M. Smith, and overflow in PWC Conference Room, USARPAC C2F, and MARFORPAC IE DIV)
- 0800 – 0810 **Symposium Co-Chair, LCDR Patrick Dees**, INDOPACOM J39: Administrative remarks.
- 0810 – 0840 **Presentation #21. Dr. Joshua Segal**, Acting Director Information Resilience Office, DTRA, “Update on DTRA Information Resilience Office” **DISINFO**
- 0840 – 0920 **Presentation #22. COL Brian Davis**, Director, USFK NFC, U.S. Forces Korea (USFK), “The Northeast Asian Fusion Cell Initiative and MDO Kill Web Targeting” **SECRET//REL TO USA, FVEY**
- 0920 – 0950 **Presentation #23. Mr. Andrew Jensen**, US Marine Corps' Vandegrift Team, under the Deputy Commandant for Information (DC Working Title: “国之大者 -- Matters of National Importance:” Leveraging General Secretary Xi Jinping's publicly-state priorities to inform, implement, & iterate US efforts at Integrated Deterrence” **THREAT DETERRENCE**
- 0950 – 1010 **Networking Break**
- 1010 – 1100 **Panel #4. Dr. April Herlevi** Center for Naval Analysis, **Dr. Katherine McKiernan**, Operations Research Analyst, Joint Warfare Analysis Center, and **Mr. Justin H Bogue**, MARFORPAC G39, “How MARFORPAC Has Operationalized OAI Assessment” **ASSESSMENT**
- 1100 – 1140 **Presentation #24. Dr. Dana P. Eyre**, & **Mr. Nathaniel Hill**, MC Saatchi, “SCALING TO WIN: Operationalized IO capabilities to support integrated deterrence in the Indo-Pacific

- 1140 – 1300 LUNCH BREAK** At Camp Smith: – [Sunset Lanai](#), Lola's Local Grindz Food Truck, Marine Mart, [Aloha Kitchen](#) in MARFORPAC HQ (Bldg. 4), and the Food Court in Bldg. 700. At the Pacific Warfighting Center: [Streatz Food Truck](#)
- 1300 – 1340 Presentation #25.** **Dr. Thomas J. Sisak**, Senior Project Manager / Senior Research Scientist, Intelligence Systems Support Office, Secretary of the Air Force, Administrative Assistant's Concepts, Development, and Management Office (SAF-AA-CDMAI), **Michelle Humphrey** Senior Analyst, and **Robert Cowherd**, Senior Methodologist, “Gaining and Maintaining Information Advantage: Project WONDERLAND.” **SECRET//REL TO USA, FVEY**
- 1340 – 1420 Presentation #26.** **Dr Joshua ‘Bugsy’ Segal**, Deft9 Solutions, “Enhancing Indications and Warnings through Operations in the Information Environment”
- 1420 – 1450 Presentation #27.** **Prof. Austin Branch**, University of Maryland, “Leveraging a Network of Networks for OIE”
- 1450 – 1500 Col Brian Hill**, INDOPACOM J39 Symposium overview and guidance for future efforts.
- 1500 – 1600 OSD Phoenix Challenge Event Review, Identification of issues/tasks.**

Bi-lateral Engagements. Capt. Sarah Warner, INDOPACOM J39 OIC

- 1300-1500** Friday 14 OCT – **Meeting with UK MOD MSE, CAPT Lovatt. J3 Conference Room.**
- 0900-1030** Monday 16 OCT- **Bilateral with Australia, CAPT Smilie. J3 Conference Room.**
- 1300 – 1400** Monday 16 OCT – **Bilateral meeting with NZDF J39. J3 Conference Room.**
- 1400 - 1500** Monday 16 OCT – **IOWG & Bilateral US/Taiwan** IO Discussions with TWN PW Delegation; TECO Military Liaison; INDOPACOM PA, J37, J39, J51, & J7; SOCPAC SOJ37 & SOJ39, &; USARPAC IO, **J5 Conference Room**
- 0930 – 1030** Thursday 19 OCT – **Bilateral US/Singapore** IO Discussions with SGP Delegation; SGP LNO to INDOPACOM; INDOPACOM J7, J39, & J52; USARPAC IO, **SOCPAC Jackson Conference Room.**
- 1030 – 1130** Thursday 19 OCT – **EWVG & Bilateral US/Taiwan** Discussions with TWN MND J6 ICEF and NSB 5th Dept. EW, Delegation; TECO Military Liaison; INDOPACOM PA, J37, J39, J51, & J7; SOCPAC SOJ37 & SOJ39, &; USARPAC IO, **J3 Conference Room.**
- 1130 – 1230** Thursday 19 OCT – **Bilateral US/Republic of Korea** IO Discussions ROK LNO to INDOPACOM; PACOM J7, J39, & J51; USFK J39SOCPAC SOJ39 & SOJ37, and; USARPAC, **J6 Conference Room.**
- 1500 – 1630** Thursday 19 OCT – **Bilateral US/Philippines** IO Discussions with AFP Delegation; PHL LNO to INDOPACOM, J7, J39 & J52, and; MARFORPAC, **J3 Conference Room**
- 1100 - 1230** Friday 20 OCT – **Bilateral US/Brazil meeting with Brazilian Army**, IO Discussions with INTEL and IO SMEs from INDOPACOM USARPAC, MARFORPAC, SOCPAC, **J3 Conference Room**

Alternate Speakers. As we review the submissions in response to the call for papers and presentations, we identify alternate speakers who plan to be on-site, or are willing to present virtually.

Approved alternate speakers **UNCLASSIFIED**:

1. **Dr. Dana P. Eyre**, Principal, Eyre & Associates, “Implementing Integrated Deterrence: We won’t get there without a psycho-social science guidebook and map.” **DETERRENCE**
2. **Dr. Dana P. Eyre**, Principal, Eyre & Associates, “JP 3-04: Have we implemented it yet?” **DOCTRINE**



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The Hawaii Diamond Head Chapter of the Association of Old Crows was founded June 13, 1967, on Hickam Air Force Base, and is currently established at Camp H.M. Smith Hawaii. The Diamond Head Chapter is an active supporter of the Electro-magnetic Spectrum Operations and Information Operations communities at USINDOPACOM, SOCPAC, Service Component HQs, and major commands in Hawaii. Our Chapter leadership and membership is a mix of active and retired military personnel, and defense contractors. We encourage participants of the 12th Annual Pacific IO & EW Symposium to take advantage of no-cost and reduced cost AOC memberships offered during the event.

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IPD FORUM is a military magazine published quarterly by USINDOPACOM to provide an International Forum for discussion on issues relevant in the Indo-Pacific Region. Additional online articles are published daily on the website, and numerous social media platforms are leveraged to disseminate additional content. Articles and social media content is disseminated in English, Chinese (Simplified and Traditional), Korean, Indonesian, Thai, Japanese, Vietnamese, Hindi, and Russian.

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Influence Apps' Website

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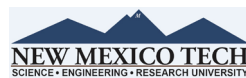
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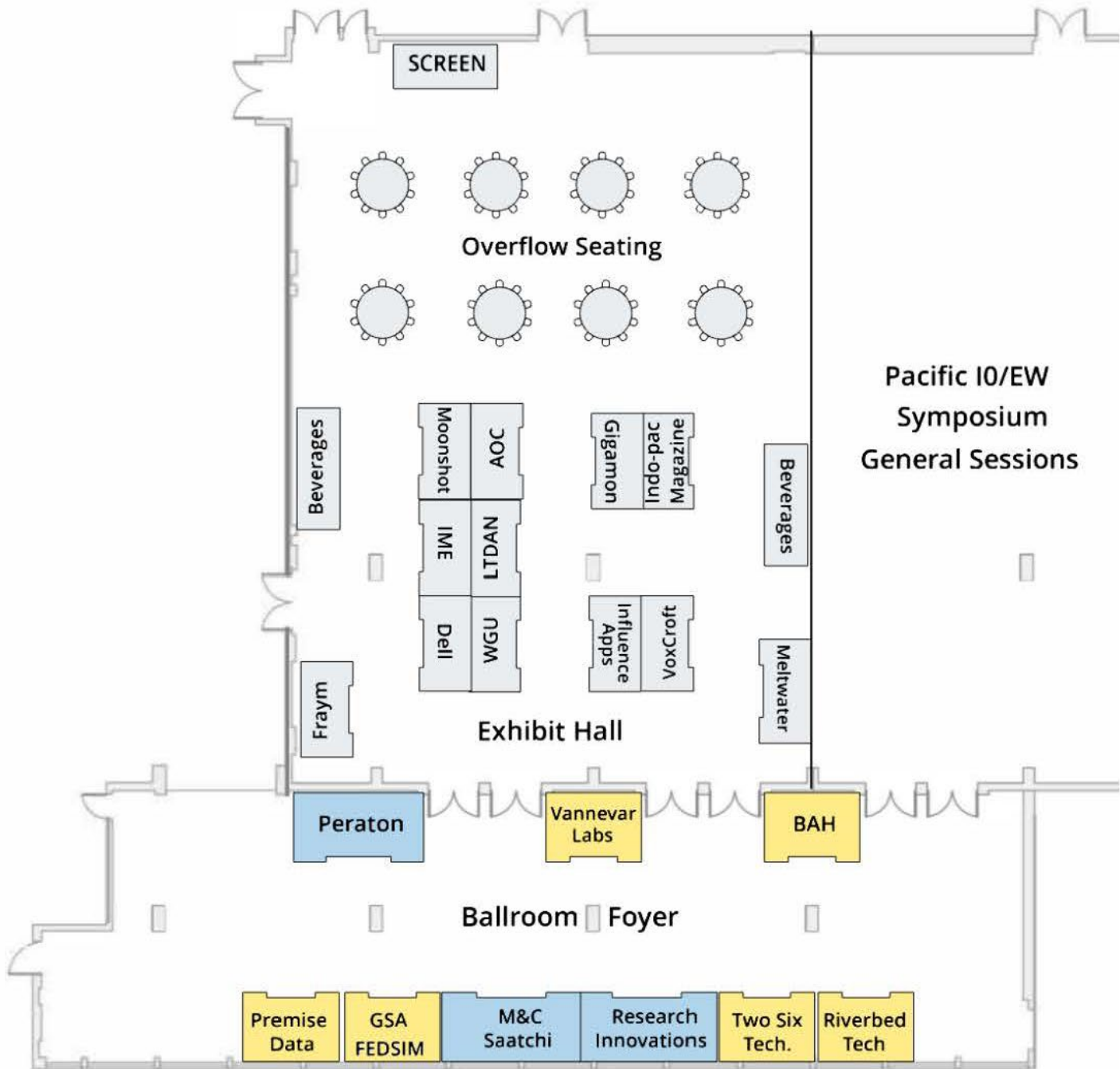




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