**ODU CYBER OPS 2018**  
**FRIDAY, OCTOBER 19, 2018 – 8:30AM-4:00PM**  
**WEBB UNIVERSITY CENTER, ODU CAMPUS**  
**HAMPTON/NEWPORT NEWS ROOM**

Please register for the conference here: [https://goo.gl/forms/b5Nx4xMAMxqlldpd2](https://goo.gl/forms/b5Nx4xMAMxqlldpd2)

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<td>8:00 a.m. – 8:30 a.m.</td>
<td>Breakfast and Registration</td>
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| 8:30 a.m. – 8:45 a.m.  | Welcome and ODU Cyber Program Overview  
Hongyi Michael Wu, Batten Chair of Cybersecurity and Director, Center for Cybersecurity Education and Research (CCSER) |
| 8:45 a.m. – 9:45 a.m.  | Keynote Speaker  
Peter Sharrai, Cybersecurity Program Manager, KBRwyle Technology Solutions, LLC (Confirmed; see bio on page 2) |
| 9:45 a.m. - 10:00 a.m. | Networking Break                                                      |
| 10:00 – 11:00 a.m.   | Panel 1: Cybersecurity Student Intern/Apprentice Panel  
Moderator: Brian Payne, Vice Provost for Academic Affairs at ODU |
| 11:00 a.m. – 11:10 a.m. | Networking Break                                                      |
| 11:10 a.m. – 12:00 p.m. | Panel 2: Industry-University Cooperation  
Moderator: Hongyi Michael Wu, Director, ODU Center for Cybersecurity Education & Research |
| Noon-12:30 p.m.      | Lunch                                                                |
| 12:30 p.m. – 1:15 p.m. | Keynote Speaker  
Darren Spencer, Digital Forensic Examiner, FBI Computer Analysis Response Team (Confirmed; see bio on page 3) |
| 1:15 p.m. – 2:00 p.m. | Panel 3: Cybersecurity Workforce & Economic Development Issues in Hampton Roads: Oceans of Opportunity?  
Panelists: Ray White, City of Virginia Beach Economic Development; Steve Cook, Opportunity Inc.; Chad Matheson, Hampton Roads Economic Development Alliance |
<p>| 2:00 p.m. – 2:15 p.m. | Break                                                                |</p>
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| 2:15 p.m.- 4:00 p.m. | **Research Roundtables**
Research Roundtables are short (15 minute) oral presentations and discussion with a smaller group of 8-10 people seated around a common table. The presentations at the Roundtables run for 15 minutes, followed by 10 minutes of discussion and Q&A. After the first 25 minutes of presentation, attendees will be asked to select another table and topic. Roundtables are an ideal format for networking and in-depth discussion on specific topics. Presenters will present their latest research or project. Multiple roundtables will be conducted in the same room at the same time. Presenters to include:
- **Hongyi Michael Wu** – Secure Artificial Intelligence
- **Sachin Shetty** – Blockchain for Distributed Systems Security
- **Jeremiah Still** – Designing Should-Surfing Resistant Authentication Schemes
- **Roderick Graham and Steven Ellman** - The Search for Sex: Environmental Factors Associated with Sexual Encounter Google Searches

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Peter C. Sharrai

CYBERSECURITY PROGRAM MANAGER
KBRWYLE TECHNOLOGY SOLUTIONS, LLC.

Currently serves as a Program Manager for Cybersecurity related contracts for KBRwyle within the Hampton Roads area of Virginia.

Mr. Sharrai was born in Landstuhl, Germany in 1983. He grew up hopping between Army bases until his father retired from active duty. In June of 2001, he left a small town on the Oregon coast to join the U.S. Naval Academy. He graduated with a BS in Systems Engineering and was commissioned an Ensign in the Navy in 2005. Mr. Sharrai went aviation, not as a pilot, but as a Naval Flight Officer. Aviators love their planes; Mr. Sharrai earned his wings of gold in the E2C Hawkeye. It’s the plane with big dome on top capable of carrier landings. His flight days were short lived, he transitioned into the Navy's Information Dominance force as an Information Professional Officer in 2010. He discovered the fine art of balancing cybersecurity against service availability at Naval Network Warfare Command, where he helped shape emerging cyber tactics, techniques, and procedures. From NETWARCOM, he went to CTF-56 and met the communication challenges involved with maintaining command and control of more than 1500 geographically dispersed Expeditionary Operators in the Middle East.

Mr. Sharrai left active duty in 2016 and joined Honeywell as part of their Technology Services department, working contract support for the U.S. Fleet Cyber Command’s Navy Authorizing Official (NAO). At the NAO, he reviewed information system documentation for compliance under the DoD Information Assurance Certification and Accreditation Process and under the Risk Management Framework. In essence, this meant a technical review of network enclaves with emphasis on the risks associated with operation. KBRwyle bought HTSI several months later, and Mr. Sharrai moved into a Project Management role.

In 2017, he moved to contract support of the Naval Cyber Defense Operations Command, working as both Program Manager and Cyber Forensics Analyst. As analyst, he monitored network traffic for signs of malicious activity ranging from enumeration attempts to malware infection.

Mr. Sharrai currently resides in Suffolk, VA with his wife, Amy, and daughter, Anya. He enjoys weight training, Aikido, and writing everything from computer code to fantasy novels.
Darren Spencer
DIGITAL FORENSIC EXAMINER, FBI COMPUTER ANALYSIS RESPONSE TEAM

As an FBI Digital Forensics Examiner, Darren examines all digital devices that may hold evidence and could be used in a court of law. He often works on cases involving offenses committed on the Internet, also known as cyber-crimes, and examines digital devices that may have been involved in other types of crime to find evidence of illegal activity. He assists law enforcement at the local, state, and federal levels as well as intelligence officials to analyze data and evaluate its relevance to the case under investigation. He is also in the FBI Forensics Audio Video Program (FAVP) and manages the budget and day to day operations of the FBI’s Digital Forensics Lab.

Darren is an Adjunct faculty and teaches cyber related courses at the FBI Academy in Quantico. He also teaches bachelor and masters level curriculum in Cyber Security certified by the National Security Telecommunications and Information Systems Security (NSTISS) and the NSA. He teaches students procedures for investigating cyber-crimes, computer intrusions detection and prevention, network security and ethical hacking. He has taught at both private and public universities and has assisted several universities in creating computer science clubs that later compete in computer hacking competitions and cyber challenges nationwide with much success. He also works with middle and high school students to educate them on the many opportunities in the STEM career field.

Darren holds a B.S. in Computer Information Systems from Bellevue University in Bellevue, NE and a M.B.A. with concentration in Computer and Information Security from North Central University in Prescott, AZ. He currently holds, and has held, several certifications from EC Council, SANS, Access Data, Cisco, Comp-Tia and Microsoft. On his off time, he enjoys spending time with his family and learning more about Computer Hacking, Computer Forensics Data Science, and Cyber Security.