NATIONAL CRYPTOLOGIC
MUSEUM FOUNDATION

Presents

RUSSIAN PENETRATION

16 OCTOBER 2019

OF U.S. ASSETS

NCMF 21st GENERAL MEMBERSHIP MEETING
& ANNUAL SYMPOSIUM
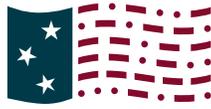
NATIONAL CRYPTOLOGIC
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NCMF 21st GENERAL MEMBERSHIP MEETING & ANNUAL SYMPOSIUM
RUSSIAN PENETRATION OF U.S. ASSETS

16 October 2019

0800-0845: **Registration & Breakfast**

0845-0915: **Welcome & Memorial Tributes** by Mr. Richard Schaeffer, Jr., NCMF Chairman

0915-0945: **National Cryptologic Museum Update** by Curator, Mr. Patrick Weadon, also presenting *The U.S. Embassy Great Seal, The Gift that Kept on Giving*

0945-1030: **Keynote Speaker, Dr. John Lenczowski**, former Director of European and Soviet Affairs for the National Security Council and the Founder and President of the Institute of World Politics presenting *Russian and Chinese Information Warfare*

1030-1115: **Dr. Terry Thompson**, former NCR Defense and NSA Assistant Director for Support Services presenting *Russia's Internet Research Agency Thanks You for Your Support*

1115-1145: **NCMF/CCEI New Museum Update** by Ms. Laura Nelson, CEO and President and Mr. Larry Castro, New Museum Project Manager

1145-1245: **Lunch** (Book Signing, Exhibits and Used Book Sale)

1245-1345: **Dr. Eric Haseltine**, former Director of Research at NSA and **Mr. Charles Gandy**, Former NSA Cryptologic Legend, presenting *The Spy in Moscow Station*

1345-1415: **Mr. Jerry Roddy**, Former NSA Senior Technical Leader presenting Project GUNMAN, *The Investigation that Reshaped the Field of Counterintelligence*

1415-1500: **Mr. James Gosler**, former Director of CIA's Clandestine Information Technology Office and Senior Fellow at JHU/APL presenting *Clandestine Information Technology & Vulnerability Assessments*

ABOUT THE SPEAKERS

DR. JOHN LENCZOWSKI - John Lenczowski is Founder and President of the Institute of World Politics, a graduate school of national security and intelligence affairs in Washington, DC. From 1983-1987, he was the Director of European and Soviet Affairs at the National Security Council and was principle Soviet Affairs Advisor to President Reagan. He has also served as an advisor to Congressmen Kemp and Courter. Dr. Lenczowski's key theme is the challenge of "Winning Without Warfare". He will discuss Russia's strategic goals today to restore the Russian empire by using Information Warfare to achieve its goal and likewise the Chinese goal to replace the U.S. as the global superpower by creating an environment conducive to technology theft, industrial espionage, immigration and possibly colonization.

DR. TERRY THOMPSON - Terry Thompson lectures on cybersecurity at Johns Hopkins University and the University of Maryland, Baltimore County (UMBC) where he teaches graduate courses in Global Cybersecurity, Cyber Policy, and Cybersecurity Risk Management. Following a 30- year career in the Federal Government including 27 years at NSA, he served as a security advisor to MDOT for a year and then joined Booz Allen Hamilton where he spent 15 years. As Vice President from 2011-2014, he led cybersecurity projects in the Middle East. He is also the author of *Ideology and Policy: The Political Uses of Doctrine in the Soviet Union* and writes on cybersecurity for *The Conversation and Network Middle East.*

DR. ERIC HASELTINE - Eric Haseltine is an author, futurist, and Ph.D. neuroscientist. He has held several senior executive positions in private industry and the public sector. He was the associate director and CTO for national intelligence at the Office of the Director of National Intelligence, the director of research at the National Security Agency, an executive vice president at Walt Disney Imagineering, and a director of engineering at Hughes Aircraft Company. He has given several popular TED talks on the future of science and is an inventor with more than seventy patents and pending patents. For the past few years, he has been developing completely new forms of digital media, entertainment, and advertising, in addition to cutting-edge cyber and industrial security solutions. He lives in California with his wife, Dr. Chris Gilbert.

MR. CHARLES GANDY - Charles Gandy is a consulting engineer in the fields of intelligence, counterintelligence and security. During his career he developed tactical SIGINT systems for remote control collections, information warfare, MASINT, tactical communications security and electronic warfare. Among these systems are GUARDRAIL, EXPLORER, GUNMAN and many others. Mr. Gandy was responsible for fielding over 100 programs in support of US warfighters, working directly with HQ and field commanders including General William Westmoreland and his Chief Scientist, William 0. McMillan. He was inducted into the NSA Hall of Honor in 2008.
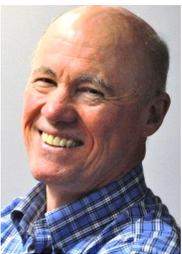
MR. JERRY RODDY - Roddy retired from NSA after 39 years of government service. Most of his career was within the COMSEC/INFOSEC/IAD organization. Over his career, he has received numerous awards including Presidential Rank Award and the National Intelligence Distinguished Service Medal. At present he is employed by FEDDATA supporting NSA, DARPA, IARPA and Los Alamos National Laboratory. His presentation today on Project GUNMAN is about one of the most seminal counter intelligence investigations in the late 20th century whose effects can still be felt today within the intelligence community. It was stimulated by the discovery of an antenna within a chimney in the US Embassy in Moscow. In Selectric typewriters subsequently returned to the U.S. by the Embassy, NSA discovered battery bar implants that had allowed the Soviets to read the entire text typed on those machines.

MR. JAMES GOSLER - James Gosler is a Senior Fellow at the Johns Hopkins University Applied Physics Laboratory and serves as a member of the Defense Science Board. His career has included 33 years at Sandia National Laboratories and a 1989 assignment to NSA as the agency's first Visiting Scientist. In 1993, he established and directed the Vulnerability Assessments Program and in 2002 he became Sandia's sixth lab Fellow. In 1996, he joined the CIA as the Director of the Clandestine Information Technology Office responsible for the integration of technical and human operations. Mr. Gosler will convey to the audience today the rationale behind the belief that a sophisticated offense can easily outmatch the capability of a defensive organization to protect its critical Information Technology (IT) systems.

Our Vision

We are a foundation established to support the National Cryptologic Museum in its effort to inform the public about the contribution made to the national security of the United States by the signals intelligence and information assurance services, and to commemorate the men and women who have participated in these important activities. Our objective is to support Museum endeavors and help build a new world-class institution.

We will assist the Museum with advisory support and with the acquisition and display of memorabilia and artifacts that explain the role played by cryptology in peace and war. We will also aid the Museum in facilitating research into now-unclassified materials about signals intelligence and information assurance.

We will provide financial support to the Museum by seeking to attract both corporate and individual members to the Foundation. We will sponsor a variety of programs to expand and inform our membership and to increase interest and participation in the Museum and its development.

In all of our activities, we will proceed in accordance with the highest ethical standards and consistent with the requirements of a not-for-profit institution.

National Cryptologic Museum Foundation
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