



# SPAWAR FLEET READINESS DIRECTORATE (SPAWAR)



## Acquisition Research Panel #3: Improving DoD Software Design and Sustainment

26 APR 2017

**Presented To:**  
Naval Postgraduate School  
Acquisition Research Symposium

**Presented By:**  
Rear Admiral John W. Ailes  
Deputy Commander  
Space and Naval Warfare Systems Command  
(SPAWAR)  
Fleet Readiness Directorate



# Agenda

Topic	Presenter	Time
Introduction of Presenters	RDML Ailes	1115 – 1120
Chair's Opening Remarks	RDML Ailes	1120 – 1130
<i>The Policies and Economics of Software Sustainment: DoD's Software Sustainment Ecosystem</i>	Forrest Shull	1130 – 1145
<i>Software Vulnerabilities, Defects, and Design Flaws: A Technical Debt Perspective</i>	Robert Nord	1145 – 1200
<i>Applying the Fundamentals of Quality to Software Acquisition</i>	Rick Spiewak	1200 – 1215
Q & A		1215 – 1245



# Presenters

## CHAIR

**RDML John W. Ailes, USN**  
**Deputy Commander, Space and Naval Warfare Systems**  
**Command (SPAWAR) Fleet Readiness Directorate**

## PRESENTERS

### ▼ **Dr. Forrest Shull**

- Software Engineering Institute
  - *The Policies and Economics of Software Sustainment: DoD's Software Sustainment Ecosystem*

### ▼ **Dr. Robert Nord**

- Carnegie Mellon Software Engineering Institute
  - *Software Vulnerabilities, Defects, and Design Flaws: A Technical Debt Perspective*

### ▼ **Mr. Rick Spiewak**

- The MITRE Corporation
  - *Applying the Fundamentals of Quality to Software Acquisition*



# Improving Software Design and Sustainment





# Presenters

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