

**Defense Advanced Research Projects Agency  
Request for Information (RFI) on Future Directions in Cyber Security  
DARPA-SN-11-55**

**DESCRIPTION**

The Defense Advanced Research Projects Agency (DARPA) Information Innovation Office (I2O) is requesting information on innovative technologies and approaches to secure the Nation's infrastructure and to ensure the survival of the Department of Defense's cyber capabilities in case of attack.

Specifically, answers are sought to the following questions:

1. At present, attackers in cyberspace seem to have the initiative and hence the advantage. What specific technologies should DARPA develop to address the imbalance?
2. Attacks on embedded computing systems have received much attention. What specific technologies should DARPA develop to secure embedded computing systems?
3. If DARPA could only invest in one cyber-security research area, what should that be and why?

Based on the responses to this announcement, DARPA will invite individuals from the technical community to participate in the DARPA Colloquium on Future Directions in Cyber Security, to take place on November 7, 2011 in Arlington, Virginia. The colloquium will include a keynote by the DARPA director, presentations by industry and government leaders, and discussions with DARPA program managers on current and future research directions. Individuals who are interested in attending should complete sections 1 through 3. Attendance is by invitation only and space is limited. A \$100 registration fee will be charged per attendee.

**SUBMISSION INSTRUCTIONS AND FORMAT**

Submissions should be emailed as an attachment in a commonly used format to [cybercolloquium@darpa.mil](mailto:cybercolloquium@darpa.mil) no later than Friday, September 9, 2011. Submissions should adhere to the following format:

- Section 1: Cover Page to include individual's name, business address, organization affiliation, and email address. (One page)
- Section 2: Answers to the three questions listed above. Please do not include classified or proprietary information. (One page)
- Section 3: Professional resume that establishes credentials in the cyber research area and identifies individual's citizenship. If not a U.S. citizen, resume must include full name, date of birth, country of citizenship, and VISA type (as applicable). Government issued identification will be required to gain admittance to the colloquium. (One to two pages)

**DISCLAIMER**

This RFI is issued solely for information gathering and planning purposes; this RFI does not constitute a formal solicitation for proposals. In accordance with the Federal Acquisition Regulation (FAR) 15.201(e), responses to this RFI are not offers and cannot be accepted by the Government to form a binding contract. DARPA will not provide reimbursement for costs incurred in responding to this RFI or reimbursement for travel. Respondents are advised that DARPA is under no obligation to acknowledge receipt of any information received or provide feedback to respondents with respect to any information submitted under this RFI. Response to this RFI is strictly voluntary and is not required to propose to any subsequent solicitations related to this RFI, if any. Responses will not be attributed.

Submissions will be reviewed by DARPA and DARPA support contractors. All personnel with access to the submissions will be covered by a legally-binding non-disclosure agreement.

**POINT OF CONTACT**

Inquiries should be submitted to [cybercolloquium@darpa.mil](mailto:cybercolloquium@darpa.mil).