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## **Special Issue on Recent Advances on Controlling Unwanted Internet Traffic**

One of the key challenges facing today's Internet is the proliferation of unwanted Internet traffic such as spam, phishing scam, worm, virus, and Distributed Denial of Services (DDoS) attacks. They raise serious concerns over the suitability of the Internet for supporting critical infrastructures including communication, finance, energy distribution, and transportation in its current form. Building trustworthy networks to effectively control unwanted Internet traffic is a grand challenge faced by the networking community and has a profound impact on the future development of the Internet.

In this special issue, we solicit original work on identifying new research and development challenges and developing new architectures, protocols, and techniques to control unwanted Internet traffic. Specific topics include, but are not limited to, the followings:

- Accountable Internet architecture and protocol
- IP spoofing control and IP traceback
- Application-layer traffic traceback, e.g. VoIP traceback
- Worm and virus propagation modeling and control
- Botnet detection and control
- Spam control
- Phishing scam analysis and control
- Novel applications of virtual machine technique in unwanted traffic control

### **Submission Guideline:**

Authors are invited to submit high quality and original work that is not under review in any other conference or journal. Submissions must be directly sent to Zhenhai Duan via email at [duan@cs.fsu.edu](mailto:duan@cs.fsu.edu) with a subject line beginning with "JCM SI". Complete guidelines for prospective authors can be found on-line at <http://www.academypublisher.com/jcm/forauthors.html>.

### **Important Dates:**

Paper submission deadline:	March 30, 2010
Acceptance notification:	July 30, 2010
Final manuscript due	September 30, 2010
Tentative publication date:	November 2010

### **Guest Editors**

**Zhenhai Duan**, Florida State University  
**Yingfei Dong**, University of Hawaii  
**David H.-C. Du**, University of Minnesota