

NIST Workshop on Named Data Networking

May 31– June 1, 2016

National Institute of Standards and Technology

Gaithersburg, Maryland

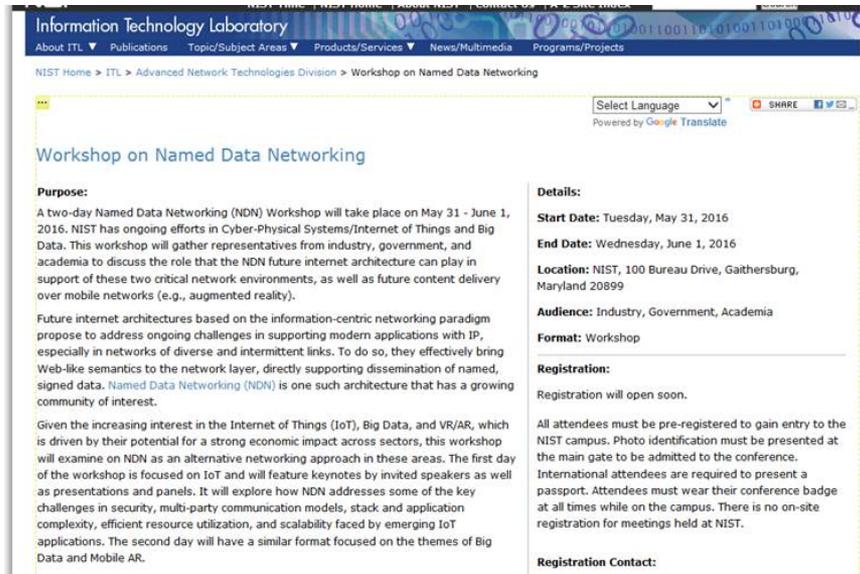
Topics:

- Internet of Things
- Big Data
- Future Content Delivery

Website up early next week.

Must pre-register, no on-site registration.

URL pending - announcement will be posted to ICNRG and ndn-interest mailing lists early next week.



The screenshot shows the NIST website page for the "Workshop on Named Data Networking". The page header includes the NIST logo and navigation links. The main content area is titled "Workshop on Named Data Networking" and contains the following information:

Purpose:
A two-day Named Data Networking (NDN) Workshop will take place on May 31 - June 1, 2016. NIST has ongoing efforts in Cyber-Physical Systems/Internet of Things and Big Data. This workshop will gather representatives from industry, government, and academia to discuss the role that the NDN future internet architecture can play in support of these two critical network environments, as well as future content delivery over mobile networks (e.g., augmented reality).

Future internet architectures based on the information-centric networking paradigm propose to address ongoing challenges in supporting modern applications with IP, especially in networks of diverse and intermittent links. To do so, they effectively bring Web-like semantics to the network layer, directly supporting dissemination of named, signed data. **Named Data Networking (NDN)** is one such architecture that has a growing community of interest.

Given the increasing interest in the Internet of Things (IoT), Big Data, and VR/AR, which is driven by their potential for a strong economic impact across sectors, this workshop will examine on NDN as an alternative networking approach in these areas. The first day of the workshop is focused on IoT and will feature keynotes by invited speakers as well as presentations and panels. It will explore how NDN addresses some of the key challenges in security, multi-party communication models, stack and application complexity, efficient resource utilization, and scalability faced by emerging IoT applications. The second day will have a similar format focused on the themes of Big Data and Mobile AR.

Details:
Start Date: Tuesday, May 31, 2016
End Date: Wednesday, June 1, 2016
Location: NIST, 100 Bureau Drive, Gaithersburg, Maryland 20899
Audience: Industry, Government, Academia
Format: Workshop
Registration:
Registration will open soon.
All attendees must be pre-registered to gain entry to the NIST campus. Photo identification must be presented at the main gate to be admitted to the conference. International attendees are required to present a passport. Attendees must wear their conference badge at all times while on the campus. There is no on-site registration for meetings held at NIST.
Registration Contact:

Speakers include:

- Ken Calvert, NSF CNS*
- Ralph Droms, Cisco
- Inder Monga, ESnet
- Joe Salvo, GE Global Research
- Eve Schooler, Intel
- Lixia Zhang, UCLA
- Google Tango team*

* - Tentative