

# **ICNRG@IETF88**

## **Vancouver**

**Information-Centric Networking Research Group**  
**Wednesday November 6th, 2013**

Chairs' Slides  
Börje Ohlman  
(Dirk Kutscher, Dave Oran)

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See RFC 3979 (BCP 79) for definitions of "IPR" and "contribution" and for the detailed rules (substituting "IRTF" for "IETF").

# ICNRG Administrativa

- IRTF RG on Information-Centric Networking
- Mailing list: [icnrg@irtf.org](mailto:icnrg@irtf.org)
- Web: <http://irtf.org/icnrg>
- Wiki: <http://trac.tools.ietf.org/group/irtf/trac/wiki/icnrg>
- Chairs
  - Dirk Kutscher (NEC Laboratories Europe)
  - Börje Ohlman (Ericsson Research)
  - Dave Oran (Cisco Systems)
- This meeting
  - Note taker: Cedric Westphal --- Thanks!!!
    - Jabber?
  - Webex (see Wiki)

# Wednesday Agenda

- Welcome, Agenda bashing, IRTF IPR Policy, Minutes taker (10 min)
- Report from ICNRG working meeting on Sunday - Börje Ohlman (10 min)
- Draft update: [ICN Management Considerations](#) - Kostas Pentikousis (10 min)
- GlobeTraff tool for generating synthetic mixes of information object requests (Konstantinos V. [Katsaros/Kostas?](#) Pentikousis) (10 min)
  - <http://goo.gl/QkBxVf>
- Draft update: Using ICN in disaster scenarios - [draft-seedorf-icn-disaster](#) - Jan Seedorf (15 min)
- CCN application-domains - Andrea Detti / Jan Seedorf (15 min)
- CCN/NDN packet format update (30 min)
  - CCN status (Marc Mosko)
  - Cisco status (Mark Stapp)
  - NDN status (Beichuan Zhang)
- ICN based Architecture for IoT - G.Q.Wang (20 min)
  - <http://trac.tools.ietf.org/group/irtf/trac/attachment/wiki/icnrg/IRTF%20ICN-IoT%20proposal.pdf>
- Report and discussion on current work items (20 min)
  - [draft-irtf-icnrg-scenarios](#) - Kostas Pentikousis
  - [draft-irtf-icnrg-evaluation-methodology-00.txt](#) - Kostas Pentikousis
  - ICN and video distribution - Börje Ohlman
- Discussion on next steps (10 min)

# Report from Sunday Meeting (1/2)

## 1. ICN and Video distribution

- We had an initial discussion on the topic including a presentation of PPSP
- Most of the discussion on the topic was postponed until London as key contributors were missing. Contributions for London invited.

## 2. ICN API and naming

- Ideas common ICN API and naming presented as well as proposal for a unified ICN framework
- New Label-Segmented URI format proposal for CCN presented

## 3. CCN updates

- New version of CCN protocol specifications to be published as drafts
- CCN Network stack software architecture

# Report from Sunday Meeting (1/2)

## 1. Working documents

- Input presentations
  - Usage scenario for Instant messages
  - Evaluation of Fairness in ICN
- Scenario document split
  - ICN Baseline Scenarios
  - ICN Evaluation Methodology
- ICN Challenges document - Unchanged
  - Plans for a new revision before X-mas

## 2. ICN demos

- Firefox extension for NetInf
- Demo of Network Experiment Programming Interface (NEPI)
- Demo of NetInf video streaming and dynamic HTTP streaming

# Upcoming meetings

- Full day interim ICNRG meeting on the Sunday before the IETF89 in London (Preliminary)
  - Volunteers for hosting the meeting?
- Regular ICNRG meeting @ IETF89