

# **ICNRG@IETF87**

**Information-Centric Networking Research Group**

**Sunday Meeting**

Chairs' Slides

Dirk Kutscher  
Börje Ohlman  
Dave Oran

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# 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: Jan Seedorf (thanks)
    - <http://neclab.titanpad.com/icnrg-ietf87-sunday> (password: berlin)
  - Jabber?
  - Webex (for Wednesday, see mailing list)

# Meetings this week

- Sunday meeting

- work meeting to progress drafts and related topics
- expected to have read the drafts...

- Wednesday meeting

- 09:00 -- 11:30, Room: Charlottenburg
- Report on progress after Sunday
- Several presentations
  - disaster scenarios
  - video streaming
  - simulation
  - trust management

# Upcoming meetings

- ICNRG meeting around SIGCOMM-2013 in Hong Kong
  - full day meeting on August 11, 2013
  - Hong Kong City University
  - see ICNRG Wiki at [irtf.org/icnrg](http://irtf.org/icnrg)

# Agenda Today (Timing)

- 09:00 -- 11:30
  - Initial discussion of RG documents and next steps
  - split into groups for afternoon
- 11:30 -- 13:00
  - Lunch
- 13:00 -- 15:00
  - work in groups on document topics
- 15:00 -- 15:30
  - afternoon break
- 15:30 -- 16:30
  - results, next steps (open discussion)

# Agenda Today (1/2)

## 1. ICN Challenges

- <http://tools.ietf.org/html/draft-kutscher-icnrg-challenges-01> (Dirk)
- status, open issues, new ideas
- objective: finding topics for work later during the day

## 2. ICN Management

- <http://datatracker.ietf.org/doc/draft-corujo-icn-mgmt/> (Daniel)
- Related to challenges -- want to find good split

## 3. Scenarios

- Baseline (Kostas)
  - <http://datatracker.ietf.org/doc/draft-pentikousis-icn-scenarios/>
- ICN wireless sensor and actor network baseline scenarios (N.T. Dinh)
  - <http://datatracker.ietf.org/doc/draft-dinh-icn-sensor-scenarios/>
- status, open issues, new ideas

## 4. Other Topics (have to see how we can address them)

- **CCN-lite** (Christian F. Tschudin) [10 min]

# Agenda Today (2/2)

## 4. Open Discussion (15:30)

- future work items, drafts
  - e.g., business challenges/models, legal/regulatory issues, specific apps, tooling
- Planning of Wednesday meeting

# Wednesday Agenda

- **Update from Sunday** [30 min]
  - Challenges draft
  - Scenario draft
- **Using ICN in disaster scenarios** (J. Seedorf) [15 min]
  - <http://datatracker.ietf.org/doc/draft-seedorf-icn-disaster>
- **Adaptive Video Streaming over ICN** (S. Lederer) [15 min]
  - <http://users.soe.ucsc.edu/~cedric/papers/draft-video-streaming-over-ICN-00.txt> (unpublished draft)
- **Cisco tooling** (Mark Stapp) [10 min]
- **NDN Simulator** (Lixia Zhang) [10 min]
- **Network Experimental Programme Interface (NEPI)** (Damien Sauze/Alina Quereilhac) [10 min]
- **Trust Management**
  - (Lixia Zhang) [10 min]
  - Issues with Trust management in ICN
- **Packet formats for ICN** (Mark Stapp) [10 min]
- **Discussion on next steps** [15 min]
  - New drafts/work items, status Survey draft
  - Planning for Hong Kong meeting