ICNRG Interim Meeting Paris

Information-Centric Networking Research Group
Thursday, January 14/15, 2016

Chairs' Slides

Dirk Kutscher
Börje Ohlman
Dave Oran

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ICNRG Administrativia

- IRTF RG on Information-Centric Networking
- Mailing list: 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 takers:
  - https://neclab.titanpad.com/ICNRG-Paris-January-2016

ICNRG Thursday Agenda

- Welcome, logistics, agenda bashing, note takers -- chairs

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- Presentations

- ICN 5G (summary of recent mailing list discussion)

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- Mobility in ICN

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- ICN Network Service and Privacy

ICNRG Friday Agenda

- ICNRG Documents / Specs
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- Future Work
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- Next Steps

Thursday Morning

- Welcome, logistics, agenda bashing, note takers -- chairs
- Performance evaluation of cache networks - Dario Rossi
- Challenges and directions for the management of ICN services -- Thibault Cholez
- Making connectivity decisions -- Konstantinos V. Katsaros
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- 11:00 Coffee

- ICN 5G (summary of recent mailing list discussion) -- Dirk Kutscher
- General discussion

Thursday Afternoon

- Mobility in ICN
  - Realizing Mobility-as-a-Service over CCN" -- Ravi Ravindran
  - Supporting Mobility in Named Data Networking - Alex Afanasyev
  - Discussion, identifying possible follow-up work in groups etc.
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- ICN Network Service and Privacy
  - Role of manifests
  - FLIC/Manifests -- Nacho, Marc, Chris
  - Options for network support, caching, prefetching etc.
  - Relationship to CDN
  - Privacy requirements and potential solutions
  - Encryption and encapsulation -- Nacho, Marc, Chris

Friday Morning

- ICNRG documents
  - status: challenges, video, eval
  - CCNX messages & semantics -- Nacho, Marc, Chris
  - Nameless objects -- Nacho, Marc, Chris
  - Key exchange -- Nacho, Marc, Chris
  - [draft-seedorf-icn-disaster-05](#).txt -- Jan Seedorf

Coffee Break

- Future work
  - Terminology (Dave)
  - ICN DevOps (Dirk)