

# ICN Management Considerations

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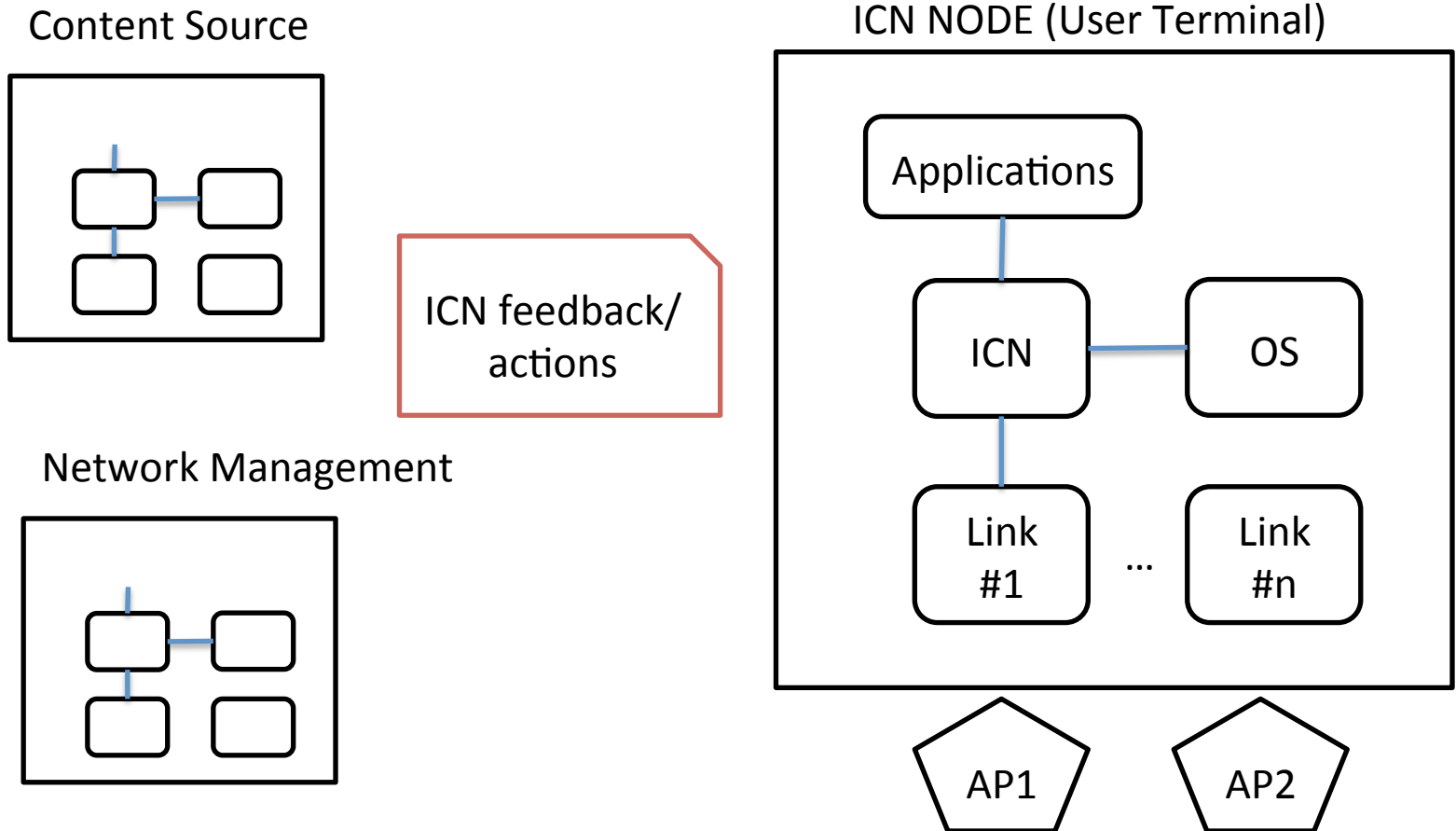
Iván Vidal, Jaime Garcia-Reinoso, Kostas  
Pentikousis, Spiros Spirou, Stefan  
Lederer, Cedric Westphal

# Outline

- Introduction
- Version 03 updates
- Upcoming changes

# Introduction

- What is this all about after all?



# Introduction

- What is this all about?
- Management under other aspects
  - Content
  - Video
  - Network Policies
- Exploration in different scenarios of ICN-based management possibilities

# Version -03

- Took in comments from last version
- Homogenized content (still more work to do)
- Massive enhancement to the Content Management section
- Addition of a new section:
  - Cache Management

# Cache Management

- Managing Caches
  - Towards caching performance
- Gaining access to other nodes in the network
  - Optimize decision policies beyond local nodes knowledge
    - Explicit Cache Coordination Decision
- Management framework impact
  - Standardized interfaces
  - Dynamic cache management

# Upcoming Changes

- New section
  - Fine-Grained Management of Resources (C. Westphal)
    - Allocating content to resources, based on its name and characteristics (meta-data)
- Streamline sections
- Integrate comments
  - Please, keep providing them!

# Contributions Welcome

- Management can interface with secondary and tertiary systems (network, content and/or users)
- Evaluate different inputs and act for optimization
- How does **security** impact this design?
  - Which enhancements would be necessary for both sides of this coin?
  - We welcome contributions on this to the draft!



**THANK YOU!**