

- Video
 - proposal
 - traffic management
 - QoS
 - cache
- PHD project description
 ERAfrica ✓ - Course IKT 775
 (Rwanda) ✓ - literature

Opera

The SMART Notebook ... x Downloads x scholar.google.com - ... x Search for literature - C... x WebVPN - UiO x

Web cwi.unik.no/wiki/Search_for_literature Search with Google

Search for literature

JOSEF.NOLL MY TALK ADMIN LINKS MY PREFERENCES MY WATCHLIST MY CONTRIBUTIONS LOG OUT

Search

Go Search

Main

- CWI Norway
- List of Theses
- List of Courses
- Help
- MediaWiki FAQ
- Semantic Wiki help

Forms (create or edit)

- Add User
- Add ActionItem
- Add Meeting
- Add Master-Thesis
- Add a paper
- Add a lecture
- Add Course
- Project Proposal
- Create a Project
- Add PhD_Thesis
- Add Task
- Add Organisation
- Interested in PhD?

External links

- UNIK wiki
- nSHIELD internal
- UNIK home page
- old Wiki

Toolbox

- What links here

page discussion edit history delete move protect watch refresh

How to search for literature at UiO [edit]

- assume that you have a user account at UiO
- remember to register your publication in *Cristin* (old *Frida*)

Library sites [edit]

for the first search, use

- Microsoft Academics or (1)
- Google Scholar

Then, to get full access to all these sites if you have the UiO VPN up and running. The easiest way is to use the vpn through the browser: WebVPN-løsningen <https://vpn.uio.no> (2) → access or (3) ask Josef

Mac: vpnclient

- <http://ieeexplore.ieee.org> IEEE explorer
- <http://www.springerlink.com/home/main.mpx> Springer Link
- in case that you don't see University of Oslo, close browser and open again
- <http://www.sciencedirect.com/> ScienceDirect
- <http://portal.acm.org> ACM
-
- electronic books (ebooks): <http://www.netlibrary.com> - remember to have Cisco VPN up and to create an own account. MAC: need to activate "internal pdf reading" in case of Firefox. Safari works (and Automator: sort files, combine pdf generates one pdf output)
- you can also start with <http://scholar.google.no/>

Nye tidsskrifthefter kan leses på nett, her er oversikt over de ferske: <http://www.ub.uio.no/umn/inf/periodika/nyeeltid.html>

Pensumbøker til Akademika, UB har kjøpt tilgang til Springer e-books <http://springerlink.m...>


10:44 26.02.2013

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Secure vpn1.uio.no/+CSCOE+/portal.html

Search with Google



UiOs VPN Portal


- University of Oslo Library
- E-journals, publications and webservice
- Access UiOs files
- Install AnyConnect VPN client

http:// Go! Logout

Home UiO > University of Oslo Library

UiO : University of Oslo Library

Home Subjects Courses Borrowing Using the library Publishing About th



Books e-books etc. Databases E-journals Articles Google Scholar Master Theses

Internet Penetration in Africa Search Search Help

Advanced search

This is Google's search engine for academic literature. Search will provide you with scientific material, with links to UBO's electronic resources. For search within specific subjects we recommend using the [subject database](#)

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IhT 725

"Scheduling & Routing"

Review of state-of-the-art
Goal: write paper for journal

Keywords

- specific challenges in Africa
 - DRC ← coverage
 - Rwanda ← quality
 - ...

- Africa
- traffic, penetration^{PI}
- services
- network topology
- schedule & routing

Intro

- short Internet traffic development 5-7 yrs - cache contents netw
- Service overview (different from Europe) 5-10 yrs

- Topology ← power availability & stability, Infrastructure 5++?

- Challenges for cache, scheduling & routing social aspects

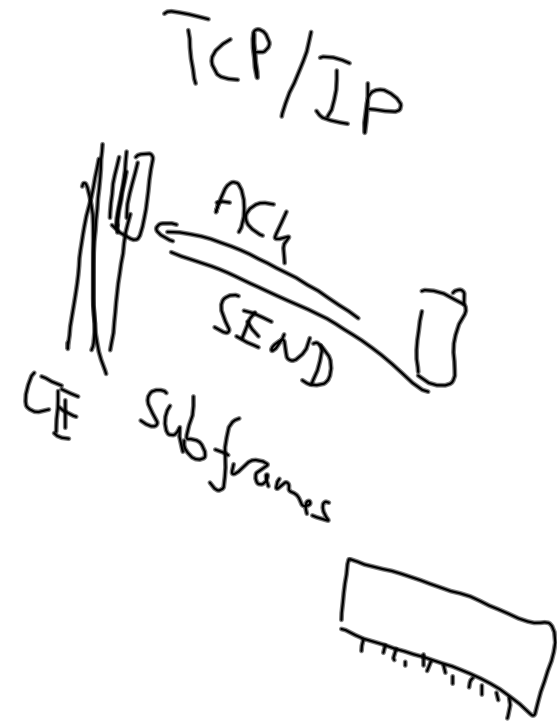
With focus on user in Africa
Routing principles (history & state of the art) - 204

- (1): 5-10 yrs → ... ⇒ 60-80 yrs
- (2): 5-10
- (3): ...

Network audit, "deep packet inspection", st
bandwidth limits ...

Europe:

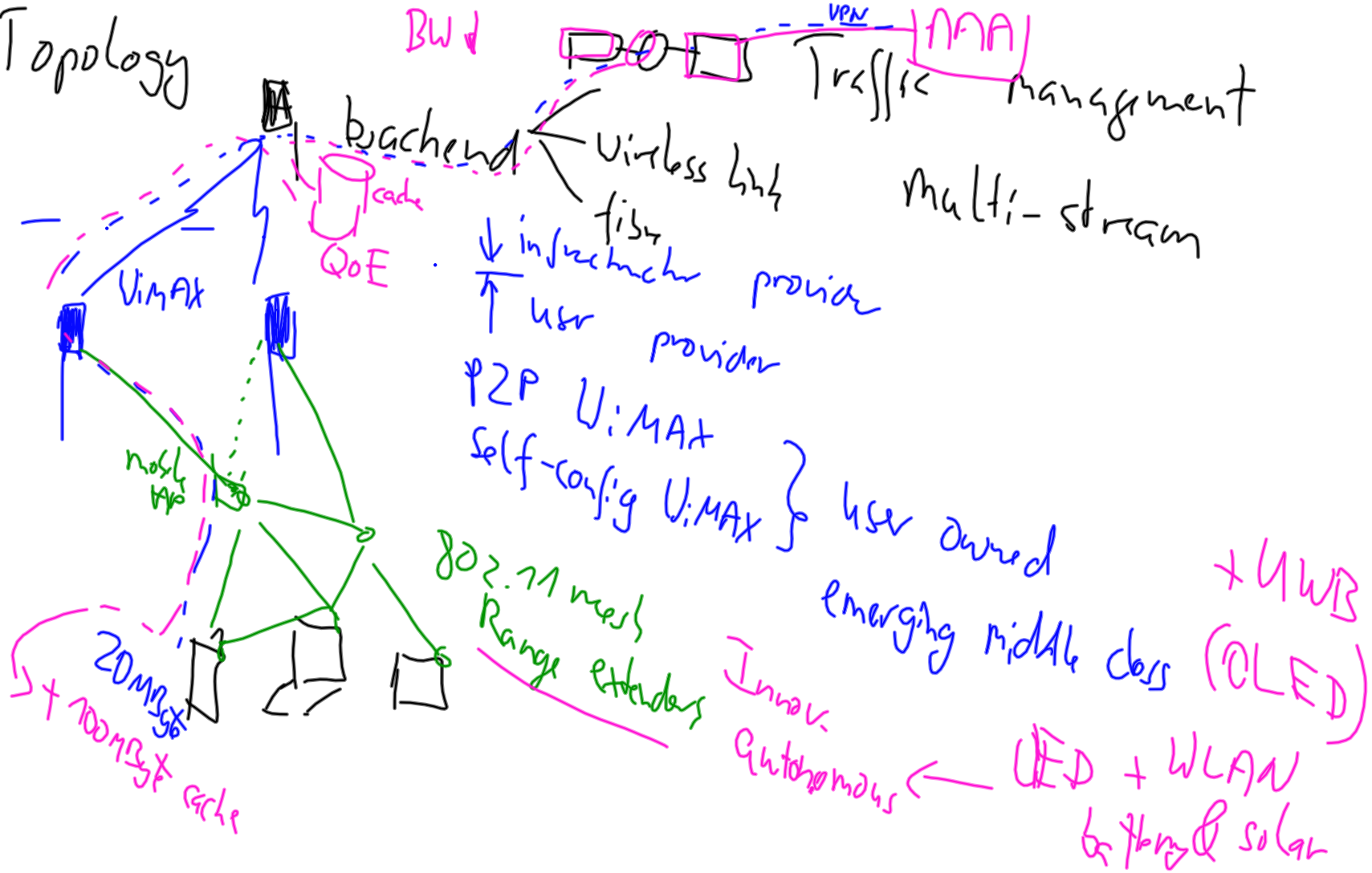
- low latency (gaming)
- "mobile broadband" 4G



PHD

- good foundation on literature
 - challenges wide → Review paper
 - identify your topic → define → paper #1
 - "other aspect"
 - implementation → #5
 - evaluation → #6
- #3
#4

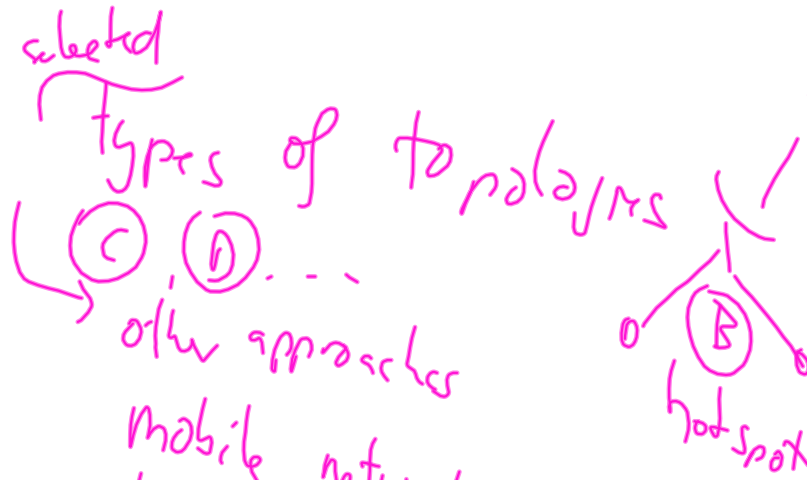
Topology



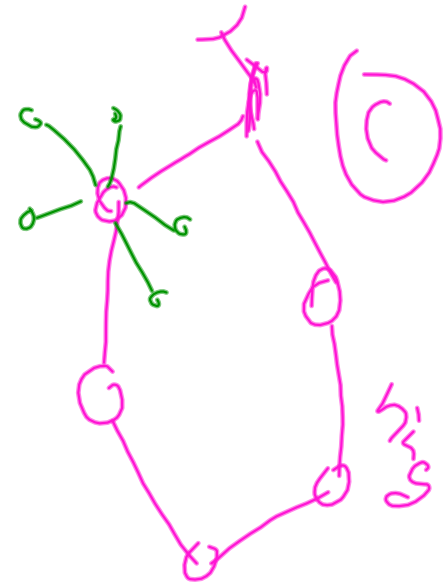
Input from:

= traffic analysis - real network

- 24 selected



other approaches
mobile networks
backhaul radio links



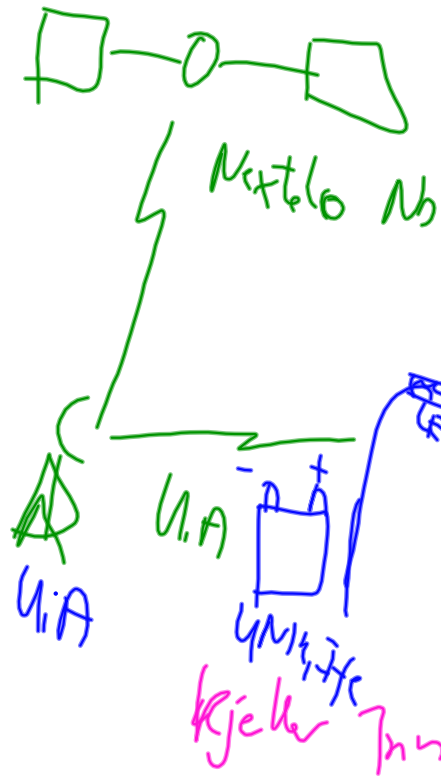
ER Africa renewable energy

min 2 Afr. + 2 European out of

↳ Award Träger

Communicating lamps based

On non-renewable batteries (for renewable energy)



Ad-hoc Mesh

Uij:



YouTube
Mogelijk
Street lamps

Opera

Ruter... x Downl... x ERAf... x Searc... x WebV... x Intern... x ERAF... x ERAfri... x ERAF... x http:/... x K. Har... x

Web www.erafrica.eu/_media/CallText_ERAfrica_Renewable_Energies_revised.pdf Search with Google

Close Tab (Ctrl+W)

A given proposal may only be submitted for one of the thematic areas supported within the framework of the ERAfrica call (i.e. either Renewable Energies or Interfacing Challenges or New Ideas), and proposals submitted by the same researcher and/or consortium within more than one thematic area need to indicate explicitly how the proposals differ. Researchers submitting proposals are obliged to report submission of the same or similar proposals to other funding schemes, as well as funds awarded as a result of such submission. ERAfrica retains the right to reconsider the granting of funds should the concerned project consortium fail to do so.

Gerard Outline...

6.1 Procedure

Project proposals must be submitted electronically using the pt(outline* webtool which is accessible directly at

- Renewable Energies http://www.ptoutline.de/erafrica_RE
- or through a link given at the ERAfrica website (<http://www.erafrica.eu>).

Each project consortium has to choose a Project Coordinator from among all partners of the respective project. When accessing the submission system for the first time, the Project Coordinator will be asked to enter her/his e-mail address. In return s/he will receive by e-mail a user ID and a password. Her/his account will be activated after receiving an email containing the password. The **password** grants **all partners** in the consortium access to the project proposal submission page, where it is possible to complete parts of the project proposal or to place or replace the proposal in part or in full. The exact mode of writing the proposal is at the discretion of the project consortium, which may choose to share the workload, or not, in whatever way they wish.

The PT-Outline electronic template consists of several pages (General information

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Web www.erafrica.eu/_media/CallText_ERAfrica_Renewable_Energies_revised.pdf Search with Google

Country	Renewable Energies
Burkina Faso	EUR 100,000
Cote D'Ivoire	EUR 100,000
Egypt	EUR 500,000
Kenya	EUR 300,000
South Africa	EUR 300,000
Belgium ¹	EUR 200,000
Finland ²	EUR 1,000,000
Norway	EUR 400,000
Turkey	EUR 300,000
<hr/>	
TOTAL	EUR 3,200,000

1 RE: FWO
2

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Web www.erafrica.eu/_media/CallText_ERAfrica_Renewable_Energies_revised.pdf Search with Google New tab (Ctrl+T)

Country	Indicative Contribution Renewable Energies
Burkina Faso	EUR 100,000
Cote D'Ivoire	EUR 100,000
Egypt	EUR 500,000
Kenya	EUR 300,000
<u>South Africa</u>	EUR 300,000
Belgium ¹	EUR 200,000
→ Finland ² <i>UKT</i>	EUR 1,000,000
Norway ✓	EUR 400,000
Turkey	EUR 300,000
TOTAL	EUR 3,200,000

Pilot

*LED
Lamps
Wifi*

*Mevaha (SAP)
Inshat*

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26.02.2013