

HØGSKOLEN I GJØVIK



COINS Research School of Computer and Information Security

Einar Snekkenes, COINS

SWITS seminar, 2013-06-03



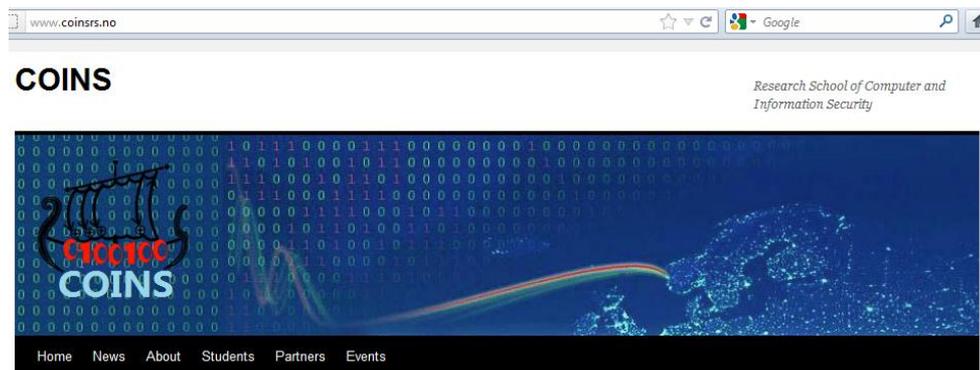
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<http://www.ansatt.hig.no/einars/>

WHY A RESEARCH SCHOOL?

- Ph.D. students get opportunities for **relevant education** and a good **transition** to further employment
 - *Training/courses, network building*
- Norwegian information security research more **visible**
 - *Norway: COINS is only research school in ICT receiving competitive funding*
 - *Prospective students: coinsrs.no*
- **Specific**, not broad:
No general skills training



Research School of Computer and Information Security

In light of a worrying increase in serious Information Security breaches in Norway and internationally, the Research Council announced the establishment of a national research school of Information Security. The Research School "COINS Research School of Computer and Information Security" will be led by Gjøvik University College. Participants in the research school include NTNU, University of Oslo, University of Bergen, University of Agder, University of Stavanger, and University of Tromsø.

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"WHAT'S IN IT FOR PH.D. STUDENTS?"

- Money, mentors, meeting places
 - *Travel to national and Nordic gatherings*
 - *Stay with academic and industry partners to initiate research*
 - *Build a contact **network**:
Most will not continue to work in academia (more Ph.D.s than open positions)*
 - *Access to other professors as **additional advisors***
 - *Summer school, Capture the flag, ...*
- **COINS as a brand**: higher value for degree in security



COINS/SWITS

- Some ideas:

- *Have more students **from Norway** at Swedish gatherings and research institutions*



- *Have more students **from Sweden** at Norwegian gatherings and research institutions*

- ***Come to NISK in 2013***

- » Stavanger 18-20 November

- » Followed by Ph.D. seminar 20/21 Nov.

- » **4 stipends: conference fee, travel/accommodation up to kr. 5 000**

- ***Come to Finse in 2014***

- » Finse winter school

COINS/SWITS

- Some ideas:
 - *Extend your contact **network to Norwegian industry and academia:***



- *Most of you will not continue to work in academia (more Ph.D.s than open positions), maybe not even in Sweden*
- ***Access** to other professors as **potential committee members***
- ***Cross-marketing** to potential candidates from abroad*

- **What do you think/want/need/like?**

LEARNING FROM OTHERS

- Visited 10 research schools in March/April:



- **Security:** HRSST Berlin (TU+Helmholtz), CASED Darmstadt, KASTEL Karlsruhe, Luxembourg (SnT)
- **Computer Science:** Saarbrücken (University+Max Planck)
- **Large:** Bochum (3,000 Ph.D.)
- **Networks:** DISC (control systems), WONDER (math), Ius Commune (law), B-IT (CS Bonn/Aachen)

RECRUITING TO THE NORDIC COUNTRIES

- Want a grant to do a Ph.D. in Information Security in Norway?



Go to www.coinsrs.no



UNIVERSITETET I AGDER



University of Stavanger



NTNU

HØGSKOLEN I GJØVIK

WHAT'S NEXT?

- Follow the news on **www.coinsrs.no**
- Initial partners **HiG (host)**, NTNU, UiA, UiB, UiO, UiS, UiT
- **Registration** of Ph.D. students, ca. 30 expected initially
- Processes, partners, cooperations

- **Ph.D. student seminar** after NISK in Stavanger 11/2013
- **Finse winter school** ca. 4/2014

- **Contact persons:**
 - *Einar Snekenes,*
Hanno Langweg (Tuesday)

