

## HØGSKOLEN I GJØVIK



# COINS Research School of Computer and Information Security

Hanno Langweg, COINS

FRISC Finse winter school, 2014-05-08



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http://www.google.com/search?q=Hanno+Langweg





Resource networkNISNet2007-2011



Value creation network FRISC 2011-2015



Research school COINS 2013-2020



# YOUR LOCAL CONTACTS

HiG: Hanno Langweg

NTNU: Stig Frode Mjølsnes

UiA: Vladimir Oleshchuk

UiB: Tor Helleseth

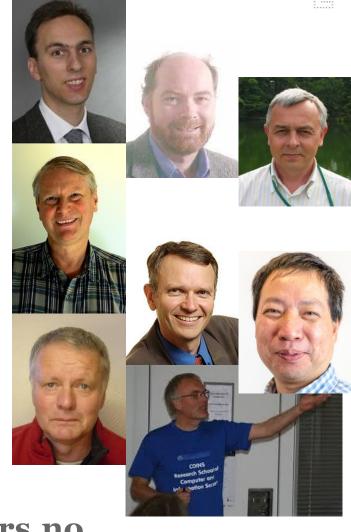
UiO: Audun Jøsang

UiS: Chunming Rong

UiT: Ragnar Soleng

Scientific Director:
 Einar Snekkenes

• Follow the news on <a href="www.coinsrs.no">www.coinsrs.no</a>
(All COINS students subscribed to students@coinsrs.no)



# YOUR STUDENT REPRESENTATIVES

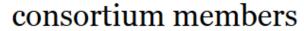
Pankaj Pandey



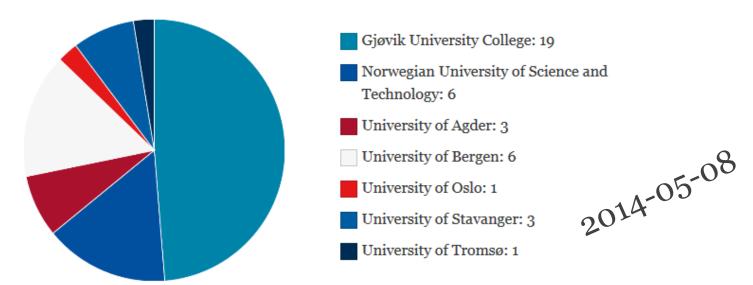
Ctirad Sousedik



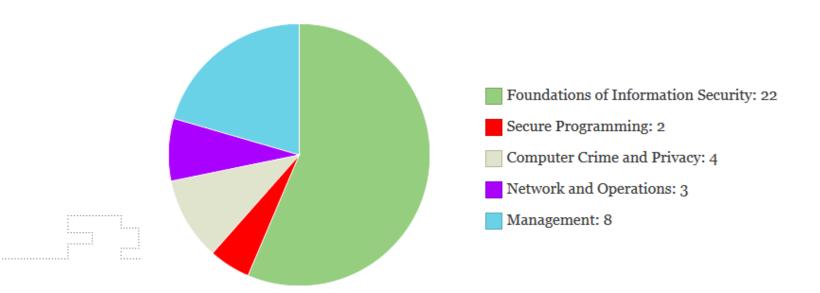
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# +3 graduated



# Number of COINS students by research area



# "WHAT'S IN IT FOR INDUSTRY PARTNERS?"

- Access to Ph.D. students (90% will not stay in academia)
  - COINS provides seed money to pay for short stays
  - Short stays initiate/develop research project ideas
- Student Researcher Grant
- Excursions to companies
- Meeting places
  - Finse winter school
  - Bring relevant topics from practitioners to researchers



- Nordic cooperation: COINS/SWITS (Norway/Sweden)
- COINS as a brand: easier to select well-educated Ph.D.s

## COINS STUDENT RESEARCHER GRANT

An opportunity to evaluate and recruit talent

### **Expected benefits**

- High quality low cost recruitment agency service
- Increased attention in the information security research community
- Communication of research needs
- Match of sponsor/candidate/topic/COINS consortium member
- Access to COINS faculty
- Preparation of Industrial Ph.D. application (\* for stays of 4 months or more)

#### Prices for 2014:

1 month	2 months	3 months	4 months	5 months	6 months
49 000 NOK	69 000 NOK	89 000 NOK	119 000 NOK	139 000 NOK	159 000 NOK

## "WHAT'S IN IT FOR SUPERVISORS?"

- Recruitment of better candidates
  - Collection of interested candidates
  - Reduce synchronisation challenge: candidate/position
- Less expensive teaching
  - More Ph.D. students in courses
  - Credits for winter/summer schools
- Support for mobility and networking for students
- Visibility for Norwegian IT security research
  - Norway: COINS is only research school in ICT receiving competitive funding



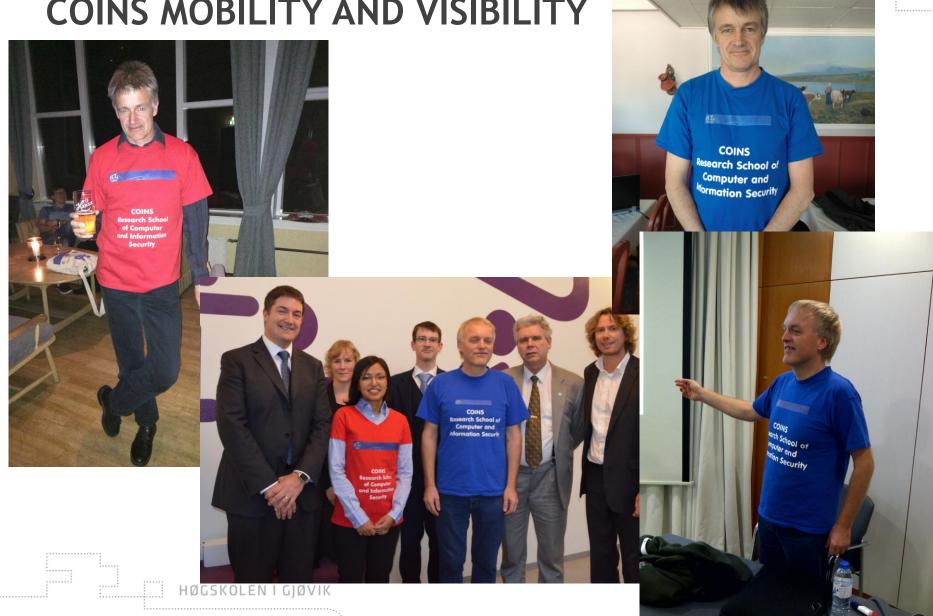
# COINS SHORT-TERM STAYS

- CASED, Chalmers, ENSICAEN, Karlstads Universitet, KTH, Plymouth University

- SWITS
- Ericsson Research
- Datatilsynet, NorSIS
- COINS supports travel+accommodation for stays up to 2 weeks
- Initiate cooperation, write a paper



# **COINS MOBILITY AND VISIBILITY**



4-9 FINSE WINTER SCHOOL

#### **JUNE 2014**

12<sup>-13</sup> COINS@SWITS IN UPPSALA

## OCTOBER 2014

13<sup>-15</sup> PH.D. STUDENT SEMINAR IN TROMSØ

15<sup>-17</sup> NORDSEC IN TROMSØ

15 ACADEMIC ADVISORY BOARD MEETING



#### **NOVEMBER 2014**

18<sup>-19</sup> NISK IN FREDRIKSTAD

## **AUGUST 2015**

22 COINS SUMMER SCHOOL IN GREECE

## COINS participates in hack.lu CTF 2013, comes in 176th of 708

Posted on 2013-10-24 by Hanno Langweg



For 48 hours this week, several COINS students formed a team to compete with 707 teams from all over the world in a contest in applied information security (hack.lu CTF). The goal of this "Capture the flag" competition in information security was to solve several practical information security hallenges, comprising web application vulnerabilities, QR codes, reverse engineering, elliptic curve cryptography, and more.

Competition was fierce. Many of the teams had experience from similar competitions and focus on applied IT security in their daily business. Students in COINS mainly deal with fundamental information security, e.g. access colorol, authentication, biometrics, cryptography, and a bunch works

# Can COINS do better 21-23 Oct 2014?

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# "WHAT'S IN IT FOR STUDENTS?"

- You add a sentence "<Student name> is supported by the COINS Research School of Computer and Information Security." to the Acknowledgements section of your papers.
- You get a Ph.D. comics book for free.

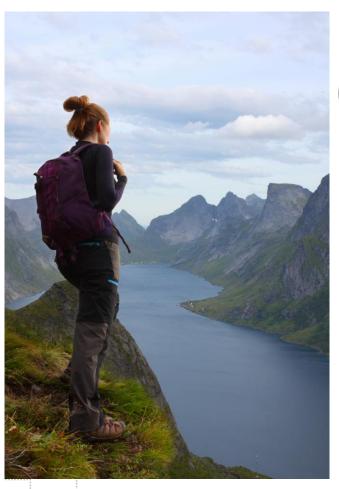


THE PROCRASTINATION COLLECTION

# What do you want/like/need?

# **RECRUITING — TELL YOUR FRIENDS**

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





Go to www.coinsrs.no





