




COINS - Courses

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IMT6002 – 3 ECTS


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- 5+ lecturers to cover a broad range of information security topics
 - Extend horizon, meet people, present and discuss

IMT6003 – 3 ECTS

Save the date: Sat 30/7 – Sat 6/8; (ENISA 29/7 TBD)

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- 5+ lecturers to cover a common topic from different perspectives
 - Master a topic, meet people, discuss
 - 2015: Cloud security
 - 2016: Authentication
 - 2017++: e.g. digital forensics, software security, IoT security

Save the date: Sat 30/7 – Sat 6/8; (ENISA 29/7 TBD)

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- Hardware authenticity, detection of hardware Trojans
 - Platform attestation and trusted computing
 - Authentication in mobile networks 2G/3G/4G/5G
 - Biometrics state of the art and research frontiers
 - Usability and user authentication on mobile devices
 - Federated identity management
 - Network forensics and attribution of attacks

IMT6004, IMT6005, IMT6006 – 1 ECTS each



Universitetet
i Stavanger

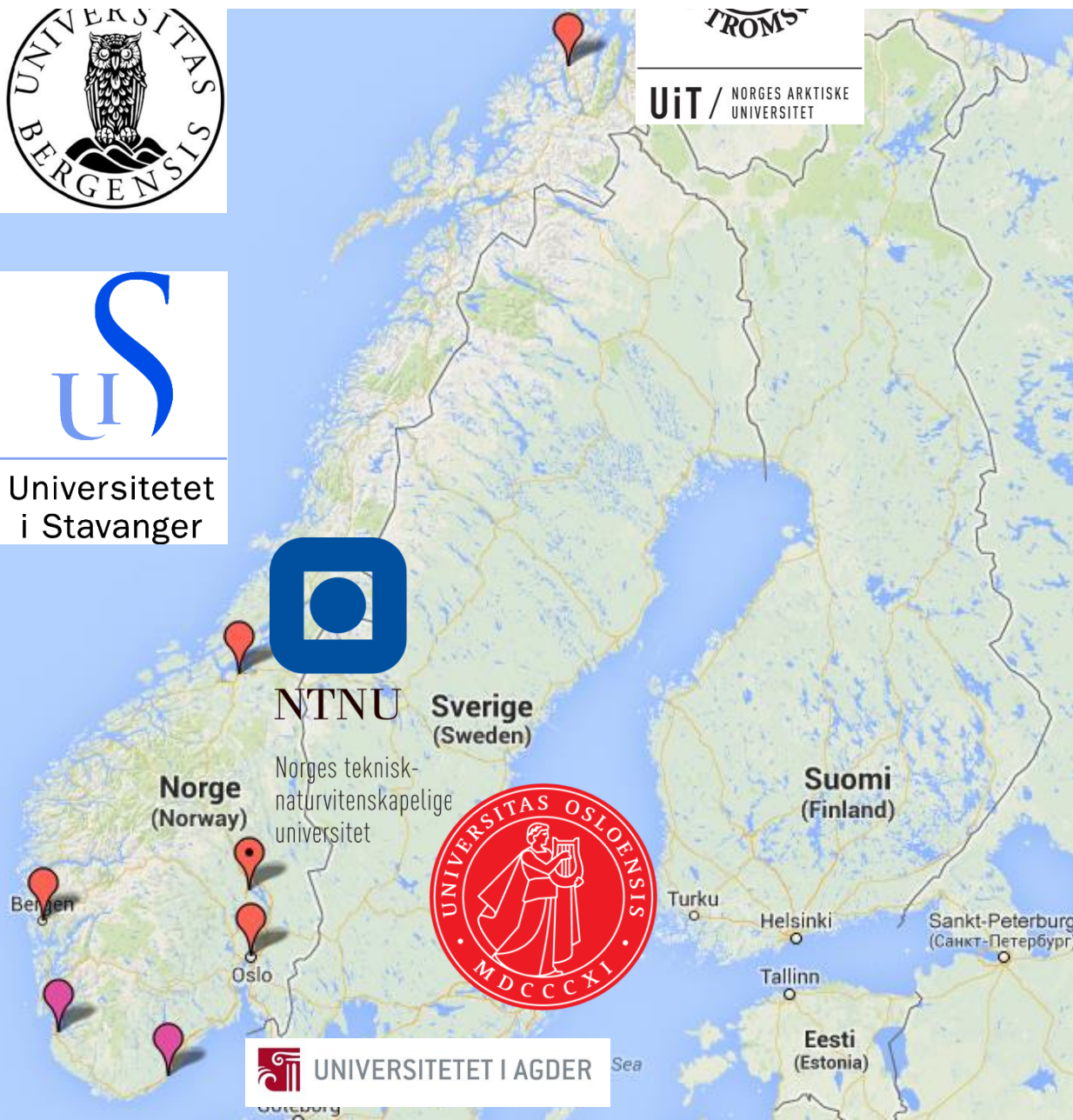


NTNU

Norges teknisk-
naturvitenskapelige
universitet



UNIVERSITETET I AGDER



Seminar

2013 UiS

2014 UiT

2015 KTH

2016 UiB/NISK

2017 SWITS@COINS in Oslo

2018 NTNU (Trondheim)?

2019 UiA?

2020 NTNU (Gjøvik)?

JUNE 2017

7-9
JUN

COINS SEMINAR 2017

IMT6007 – 5 ECTS

COINS IT Security Exercise (new course)

- Knowledge
 - State of the art in discovery and exploitation of IT system vulnerabilities
 - Capability and limits of validation of training methods
- Skills
 - Ability to find and exploit vulnerabilities in software and systems
 - Development of novel attack methods and tools
 - Assessment, selection and application of automated vulnerability discovery and removal approaches
 - Ability to determine limits, assess relevance and impact of group security exercises for the improvement of secure software development
- General competence
 - Ability to collaborate and communicate
- → Participation in CTF and creation of challenges

Experience so far

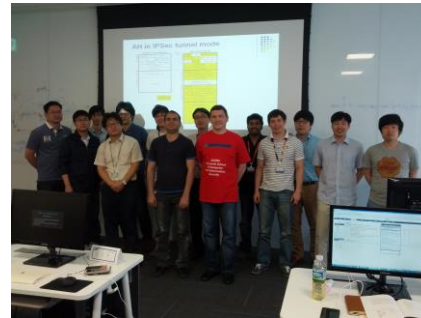


- IMT6002 3 ECTS Finse Winter School
 - IMT6003 3 ECTS Metochi Summer School
 - IMT6004, IMT6005, IMT6006 3x1 ECTS COINS Ph.D. Seminar
 - IMT6007 5 ECTS COINS IT Security Exercise
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- 4/2016: (7+8) IMT6002, 9 IMT6003, (4+2) IMT6004
 - 78 ECTS; 19/54 COINS students (avg. 4 ECTS taken by 35%)
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- Relevant? Useful? Topics? Format? ECTS?

Visibility



- Always bring your t-shirt/hoodie to conferences etc.



- 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.

