

- Faculté des sciences
- www.unine.ch/sciences

Seminar Hot Topics in Applied Security (3IN2086)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en informatique	Cours: 2 ph	Voir ci-dessous	5

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

Période d'enseignement:

- Semestre Automne

Equipe enseignante

Prof. Pascal Felber
Dr Valerio Schiavoni

Contenu

In this seminar, we will investigate hot topics in the domain of applied security, encompassing theoretical foundations, hardware/software techniques, attacks and protection measures, and applications in the context of operating systems, networking and data management. At the kick-off sessions, we will present the scope of the seminar and give an overview of the domain. During the seminar, students will be assigned individual projects, which include reading and presenting state-of-the-art research papers. Regular meetings will be scheduled during the semester.

Forme de l'évaluation

Continuous assessment, based on the presentations made by the students during the semester and submission of a final report

Modalités de rattrapage

Submission of a new (or revised) report

Documentation

<https://ilias.unibe.ch>

Pré-requis

None

Forme de l'enseignement

Course (seminar)

Objectifs d'apprentissage

Au terme de la formation l'étudiant-e doit être capable de :

- Analyse a problem
- Compare solutions
- Review a research paper
- Present a research paper
- Write a report

Compétences transférables

- Analyse problems
- Compare solutions
- Review state-of-the-art research
- Write research reports