

- Faculté des sciences
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Seminar Hot Topics in Operating Systems (3IN2070)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en informatique	Cours: 1 pg	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 Baptiste Lepers

Contenu

In this seminar, we will investigate hot topics in the domain of operating systems, encompassing computer architecture, hardware and emerging technologies, storage systems, and networking. At the kick-off sessions, we will present the scope of the seminar and given 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.

The goal for the students is to learn how to critically read and study research papers, how to describe a paper in a report, and how to present it in a seminar. Under supervision, students will select one paper to study, contrast and compare with related work. This seminar aims to help students to gather in-depth knowledge of an advanced topic and develop the skills required to describe a complex problem from the operating systems area in the form of both a presentation and a written report.

Forme de l'évaluation

Contrôle continu noté : les étudiants devront effectuer une présentation et rédiger un rapport durant le semestre.

Modalités de rattrapage

Rédaction d'un nouveau rapport (ou d'un rapport corrigé).

Documentation

<https://lilas.unibe.ch/>

Pré-requis

Aucun

Forme de l'enseignement

Cours+travail individuel