Modul PSI-Sem-B Seminar Security and Privacy Foundations

Inhalte:
In this seminar, participants learn how to work with scientific literature (books, papers, and articles), how to write in the language used in science, and how to give a talk about a topic covering security and/or privacy foundations. They give a talk summarizing their findings and write them up in a term paper.

While participants are expected to perform the actual research on their own, the instructors provide extensive support throughout the seminar. The following questions will be addressed: how to approach a topic, how to find relevant literature, how to read a paper efficiently, how to write a seminar report, and how to give a good talk?

The actual topics are subject to change. A list of available topics is made available before the first session via UnivIS or on the website of the Privacy and Security in Information Systems Group.

Lernziele/Kompetenzen:
Participants learn to find, read, and summarize scientific texts. They also learn to assess statements and to discuss them critically. Finally, they learn to write scientific texts and to present their results in a talk.

Students who participate in an optional peer review procedure will also learn techniques to give useful feedback to others as well as how to accept feedback for one’s own work.

Sonstige Informationen:
The default language in this seminar is English, unless all participants are fluent in German.

Zulassungsvoraussetzung für die Belegung des Moduls:
keine

Empfohlene Vorkenntnisse:
Participants are highly encouraged to obtain basic knowledge in software engineering as well as foundations of computing, operating systems, and networks before taking this module. Basic knowledge in most of these topics can be obtained by successful completion of PSI-EIRBS-B. Basic knowledge in information security and privacy (which can be obtained by successful completion of PSI-IntroSP-B) is recommended but not strictly required.

Besondere Bestehensvoraussetzungen:
keine

Angebotshäufigkeit: SS, jährlich
Empfohlenes Fachsemester: 1 Semester
Minimale Dauer des Moduls: 1 Semester

Lehrveranstaltungen
Seminar Security and Privacy Foundations
Lehrformen: Seminar
Dozenten: Prof. Dr. Dominik Herrmann
Sprache: Englisch/Deutsch
Angebotshäufigkeit: SS, jährlich
Lernziele:
### Prüfung

**Hausarbeit mit Referat / Prüfungsdauer:** 30 Minuten  
**Bearbeitungsfrist:** 3 Monate  

**Zulassungsvoraussetzung zur Modulprüfung:**  
Continuous attendance in the seminar sessions is mandatory, cf. §9 (10) APO.

**Beschreibung:**  
The module examination consists of two parts, a term paper (in English) and a talk (in English; in German if all participants are fluent in German). The maximum number of points that can be achieved in the module examination is 100. Details regarding the number of points that can be achieved in the talk and in the report will be announced in the first session of the project.

Optionally, participants can submit intermediary results (in English) such as surveys, written reviews for the work of other participants, and a draft of the term paper. Participants can thereby earn 20 bonus points. If the module examination is passed on its own (generally, this is the case when at least 50 points are obtained), the bonus points will be added to the points achieved in the module examination. The grade 1.0 can be achieved without the bonus points.