

IMSEM - Seminar Hot Topics in Information Management (2 SE)

0434 L 476

Content:

Based on primary literature, provided by the teaching staff, and secondary literature, to be searched and found by the participants under guidance of the teaching staff, using research journals and articles published at important conferences in the areas of databases and information systems, information management, information modelling and model management, etc. conferences such as WWW, VLDB, or SIGMOD, CAISE, MODELS or ICSE, one particular area of research will be covered in depth throughout the term. The concrete "hot" research topics will be given in the announcement for each term. At the beginning of the semester you will receive a set of primary literature. Then you should find and use secondary sources to research your topic assigned to you in the seminar, which should go beyond the supplied primary literature. Next to conventional sources like the internet you are required to use research journals and articles published at important conferences in the areas of databases and information systems, information management, information modelling and model management. A few weeks after receiving the primary literature, you will have to give a short presentation. The presented topic will be discussed by the seminar group for constructive feedback about the content of your talk. Then, continuously over the term, the participants will give their final long presentation about the topic area, including the secondary literature, of approx. 30 minutes. Finally, a 10-15 pages technical report describing and evaluating the topic is required by each participant. Details may vary and will be announced in the respective semester.

In this seminar you will learn the comprehensive preparation and presentation of a research topic in English. To archive this you will have to read and categorise a scientific English text, conduct background research and present your findings.

Target group:

This course addresses master students with a focus on database systems and information management and should be chosen after the 2nd master semester.

This seminar can be taken very well by students who are directly in front of their master thesis or have already completed it and are interested in a doctorate in information management.

Prerequisite:

To be able to participate you should have successfully completed 'Database Technology DBT' and one of the 'Advanced Information Management AIM' (1,2,3) courses.

It is vital that you have a sound understanding of written and spoken English.

Registration:

Students are required to register via the DIMA course registration tool before the start of the first lecture (<http://www.dima.tu-berlin.de>). Within the first six weeks after commencement of the lecture, students will have to register for the course at **QISPOS (university examination protocol tool) and **ISIS (course organization tool)** in addition to the registration at the DIMA course registration tool.**

Contributions:

Portfolioprüfung

The grade of the module will be composed from the results of the presentation (50%) and the written seminar report approx. 20 pages (50%) for this presentation.

Short Comment:

The lab capacity limits this course to max. 16 participants.

The language of the module is English.

Duration of this module is one term.

Contact persons:

Dr. Sebastian Schelter, Dr. Chen Xu