

Doctoral seminar on Social and community informatics

TU-53.Z Post-graduate course

T-76.5633 Special course in software engineering VL

3-4 credits

Instructor: Prof. Gunilla Bradley, Royal Institute of Technology in Stockholm

Time: May 30 – June 1, 2007

Location: TKK TUAS-building, lecture room TU5/TU6

Content of the seminar

Social and community informatics provide a holistic analysis of the relationships between people, Information and Communication Technologies (ICT), society, and environment. The course deals with the impact and effects of ICT on organizations and individuals, both in the workplace and business as well and in the home. Also the future development trends of these will be discussed.

The seminar aims to provide the participants with a holistic understanding of the multiple effects of ICT. Therefore the approach used to consider ICT and its' effects will be multidisciplinary, covering organizational behaviour, engineering, and business.

The topics covered during the seminar include:

- Theoretical perspectives and contents of social and community informatics
- Contexts of social and community informatics: society (ICT society), organizations, human networks, and communities
- Multiple roles and uses of ICT in the workplace, in private life, in organizations, and in the society
- Multiple effects of ICT on individuals, organizations, society, and business
- Future development trends in social and community informatics

Organization of the course

The principal teacher of the seminar is Prof. Gunilla Bradley, Professor of Informatics at the Royal Institute of Technology in Stockholm (KTH). The responsible teachers at TKK are Prof. Eila Järvenpää, Department of Industrial Engineering and Management (DIEM), and Dr. Maria Paasivaara, Software Business and Engineering Institute (SoberIT).

If you have questions about the organization of the course, you can contact assistant Hanna Timonen, hanna.timonen@tkk.fi.

The seminar is held at the TUAS-building during three days from May 30 to June 1 2007:

Wednesday May 30, 13-17 at lecture room TU5

Thursday May 31, 13-17 at lecture room TU6

Friday June 1, 9-12 at lecture room TU5

The address of the TUAS-building is Otaniementie 17. See the location at <http://www.tuta.hut.fi/location/location.php>.

The literature of the course will consist of Prof. Bradley's new book on social and community informatics:

Bradley, G. (2006) Social and Community Informatics: Humans on the Net. London: Routledge.

The book can be ordered e.g. from [Amazon](#) or through [Akateeminen kirjakauppa](#). A few copies of the book have also been ordered for the TUAS library and they will arrive shortly. The course participants will also be provided relevant parts of the book electronically as soon as the copies arrive. Please remember to include your e-mail address when you enrol to the course so we can send you the username and password required to access the material.

Participants are also required to use other material for the essay. Further instructions for the will be provided by Prof. Bradley during the seminar.

Participants

The seminar is destined to post-graduate students of DIEM and SoberIT. Also other post-graduate students at TKK and other universities who are interested in the topic of the course are welcome. The course is suitable for advanced Master's students as well.

Requirements

The participants are required to actively participate in the seminar sessions. We highly recommend that the participants attend all three seminar sessions, and attendance is required at least for two entire seminar sessions in order to pass the course.

Participants will be expected to write an essay related to topic of social and community informatics. The deadline for the essay is June 20 2007. The essay can be written either individually or it can be co-authored by two participants. The number of credits (3 or 4) participants receive from the course will be determined by the length and the quality of the essay. Further instructions for the essay will be provided by Prof. Bradley during the seminar.

Enrollment

Please enroll to the course before May 25 2007 to assistant Hanna Timonen at hanna.timonen@tkk.fi. Give your name, student number, e-mail address, department and university, and the text "Doctoral seminar on social and community informatics" upon registration. Please say also if you are a post-graduate or a graduate student, and under which course number (TU-53.Z or T-76.5633) you wish to take the seminar.

Schedule of the seminar

Day 1: May 30 from 13 to 17

- Introduction and short presentation of the participants and their ongoing or planned research
- Introduction to social and community informatics
- Theoretical perspectives on the organisational and psychosocial and life environment and ICT

Reference reading: Bradley 2006, Chapters 1 – 2.

Day 2: May 31 from 13 to 17

- ICT and humans – Ongoing changes in the working life: organisational design, work content, and management
- Ongoing changes in the home and private life – crosscultural perspective
- Ongoing changes in communities – virtual and real

Reference reading: Bradley 2006, Chapters 4 – 6.

Day 3: June 1 from 9 to 12

- ICT and psychosocial communication (e.g. distributed teams)
- ICT and stress and health issues
- From theory to actions: How to achieve the good ICT society – actions on various levels of analysis.

Reference reading: Bradley 2006, Chapters 7 – 9.