

Call for SAVE-IT course proposals

HT2008, VT2009, HT2009

**Extended deadline for submissions of
course proposals for autumn 2008:
August 31st 2008**

SAVE-IT

SAVE-IT is an industrial graduate school with a main research focus upon real-time- and safety-critical systems. SAVE-IT organizes research studies for about 25 PhD students at different universities around Sweden. Each student is employed by a Swedish company or research institute. SAVE-IT is funded by the KK-foundation and the participating companies. SAVE-IT has its organizational location at Mälardalen Real-Time research Center (MRTC) at Mälardalen University in Västerås, Sweden. For details, please visit: <http://www.mrtc.mdh.se/projects/save-it>

Call for course proposals

One of the objectives for SAVE-IT is to organize 2-3 PhD courses per year. This call-for-course-proposal is an opportunity for universities and competence centers to adapt existing courses or develop new courses for SAVE-IT. Even though the SAVE-IT courses are mainly targeting the SAVE-IT students, the courses might also be taken by other type of students.

Course content

A SAVE-IT course can either be a pure technical course or a course with a more methodological focus. The course should preferably also have a certain industrial focus. Suitable methodological courses are, for example, courses in *research methodology*, *engineering methodology*, *software project management* and *research planning*. Suitable technical courses are, for example, courses in *real-time and embedded systems*, *software engineering*, and *component-based software development*.

Course prerequisites

Universities and other competence centers are invited to send in proposals for new SAVE-IT courses. Some prerequisites for the courses are:

- The course should be given during autumn 2008, during spring 2009, or during autumn 2009.
- The course should be of a high scientific level, corresponding to at least a master level course (i.e., D-level or higher).
- The required pre-knowledge for the proposed course should be well defined and correspond to at most two weeks of studies. A course proposal (see below) should make a more detailed presentation about the prerequisites and the contents.
- Special concern should be taken to adjust the organization, contents and the material of the course so that interested persons, both from industry and universities, with the right background, can participate on a nationwide basis. This means that it should preferably be between 2-5 concentrated course occasions, for about 1-3 days each. Moreover, course assignments should be constructed so that the course participants can work with them between course occasions.

- Since not all students may be able to participate in all course occasions, most course material should be easily accessible through the internet. The students should also have the possibility of getting remote support from the course provider, e.g., using emails or telephone.
- The course should firstly be available to SAVE-IT students. However, other types of students or industry representatives are welcome to participate if not all seats have been filled.
- There should be a course evaluation, and the results should be reported to SAVE-IT.

Course payment model

The payment for giving a SAVE-IT course is 65000 kr for SAVE-IT students (including VAT and OH). For non SAVE-IT students no extra funding is provided by SAVE-IT. However, the course provider is free to admit such students if there are seats left. If the course is given in another place than where the course provider normally is situated, SAVE-IT can reimburse his/her extra travel and accommodation costs. If the course needs to be developed/adapted to SAVE-IT course format, i.e., to be given as a distance course, SAVE-IT can provide reimbursements up to 25000 kr for this (VAT and OH included).

Course proposal submission

Proposals for SAVE-IT courses should be submitted by email, preferable using word- or pdf format, to save-it@ide.mdh.se. In the proposal at least the following information should be included:

- Course title.
- A course description, including concise presentation of the research problem(s) to be studied.
- A short description of the persons that will be involved in giving the course.
- Short description of planned course organization, pedagogic employed, and internet usage.
- Where the course is supposed to be given.
- The time period(s) during which the course can be given.
- Required pre-knowledge (if any).
- Experiences from earlier versions of the course or of similar courses (if any).
- Needed course developments/adaptations (if needed) and estimated cost for doing this.

If a course home page or similar already exists where most of the information is available you can simply give the address to this page instead. You can write your proposal in Swedish or in English.

Important dates

- **August 31st 2008:** Deadline for submitting SAVE-IT course proposals for autumn 2008.
- **September 15th 2008:** Notification of accepted course proposals for autumn 2008.
- **October 15th 2008:** Deadline for submitting SAVE-IT course proposals for 2009.
- **November 1st 2008:** Notification of accepted course proposals for 2009.

Decision procedure

The decision of what course proposals to be accepted will be taken by the SAVE-IT board.

SAVE-IT contact information

- Web: www.mrtc.mdh.se/projects/save-it
- Email: save-it@ide.mdh.se
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