PRIOR WORK ON THE PROPOSAL TOPIC:
In the space below, if appropriate, summarize the main results of your previous work on the topic of this proposal. The maximum length for this section is 1 page. (Arial or Verdana, font size 10).

The principal researcher of this proposal has been working on the Computer Supported Collaborative Learning (CSCL) field since the beginning of his PhD thesis in 1993. The subject of the thesis was "The computer-integrated classroom" (see Baloian, 1995). This research also included the use of an electronic board for supporting learning inside the classroom. This work motivated the study of the human-computer interaction with the board some years later (see Breuer & Baloian, 2005).

In the last years, the principal researcher has been engaged in initial design and development of mobile computing systems to support collaborative learning and work (Zurita, Baloian, Baytelman, 2008). For some of these applications a preliminary gesture-based interface was developed.

The co-researcher has been working in collaborative systems for several years. In particular, he has worked with mobile devices being used for emergency situations. he has also worked with the principal researcher in educational applications, such as systems supporting the learning of the earthquakes, the computer integrated classroom, and use of metadata in educational settings.
ADDITIONAL INFORMATION:
Include other information that you consider relevant, not included elsewhere, which would facilitate this proposal's review. The maximum length for this section is 1 page. (Arial or Verdana, font size 10).

The principal researcher has already been cooperating with researchers from abroad and would like to continue and this cooperation and start new ones during this project. In particular the proponent has been working with Dr. Henning Breuer since 2002, who is a psychologist specialized in computer interfaces usability and its evaluation, whose input to this project will be of importance for the development and the evaluation of the interface interaction model. Both researchers of this proposal also cooperate with Prof. Dr. H. U. Hoppe, who shares the opinion that an integrated approach to the computer supported learning is needed. We would also like to take the opportunity this project can offer in order to start collaboration with researchers of the North American area (US and Canada).