Come_IN@Palestine: Adapting a German Computer Club Concept to a Palestinian Refugee Camp

Kai Schubert, Konstantin Aal, Volker Wulf, Anne Weibert, University of Siegen, 57068 Siegen, Germany, (kai.schubert, konstantin.aal, volker.wulf, anne.weibert)@uni-siegen.de
Meryem Atam, International Institute for Socio-Informatics (IISI), Stiftsgasse 25, 53111 Bonn, Germany, meryem_atam@web.de
George P. Yerousis, Birzeit University, PO Box 14, Birzeit, West Bank, Palestine, gyerousis@birzeit.edu

Introduction
The intercultural computer clubs, called come_IN, offer a place to share practices among children and adults of diverse ethnic backgrounds. Once a week the participants voluntarily gather in the computer club, work on joint projects, study, play, or realize individual ideas supported by the use of information and communication technology (ICT). Since 2003 we have built a network of come_IN intercultural computer clubs in Germany (Schubert et al. 2011). The main goal of this work is to investigate into the transfer of our experiences from the German context and adapt it to the specific needs of Palestinian refugee camps and their inhabitants.

State of the Art
The concept of come_IN follows the tradition of computer clubhouses in the US. The principles of situated, collaborative learning and constructionist thinking offered underprivileged youth opportunities to express themselves with the use of ICT (Kafai 2009). The pedagogical concept behind the clubhouses is an extension of the constructivist-learning paradigm, known as constructionism (Papert 1980). The come_IN approach developed this concept further, applying it to issues of inter-generational learning and the integration of migrant communities in Germany. The computer clubs were based in schools, which serve a central point of exchange among the people of the city district, to provide opportunities for elementary school kids and their parents.

Research Methods
Grounded Theory (Strauss & Corbin, 1990) was chosen as a theoretical framework to be grounded in the field. Also we adhere to principles of Participatory Action Research by Kemmis & McTaggart (2004) regarding the question “how to act in the field”. A short overview about our empirical data:

- collected over a period of 28 months
- from May 2010 to September 2012
- documented via field notes and photos
- with extensive daily written documentations
- held workshops and interviews in Arabic with the tutors, the children and inhabitants of the refugee camp with an accredited translator as part of the research team
- collected 7 semi-structured interviews (with durations between 30 minutes and 3 hours) and more than 10 informal interviews
- analyzed protocols from the weekly computer club sessions written by the tutors
- collected and analyzed other materials like artefacts from the projects

Discussion and Conclusion
While the come_IN approach itself was inspired by Resnick’s (1996) work, it was yet another stretch to move this socio-technical approach to learning and social integration to a Palestinian context. The challenge was to share insights gained in Germany while adapting the socio-technical concept to the different context. We assumed that our publications and written materials would only provide limited insights into our experiences made during almost ten years of project work. Therefore, we very much believed in an exchange of expertise among the partners at different points in time. Different members of the German project team spent substantial amounts of time in understanding the local context and preparing for the clubs opening. Moreover, we invited the Palestinian project manager for one week to Germany to make him see the computer clubs in action. In the West Bank, we have decided to work with a local university, Birzeit, to build the club, which adds a second university player into the support structure. While they coordinate the local activities and engage undergraduates to tutor the club, their social attribution in the camp is quite distinct.

References: