# Sharing Digital Photographs in the Home by Tagging Memorabilia

**Saul Greenberg**
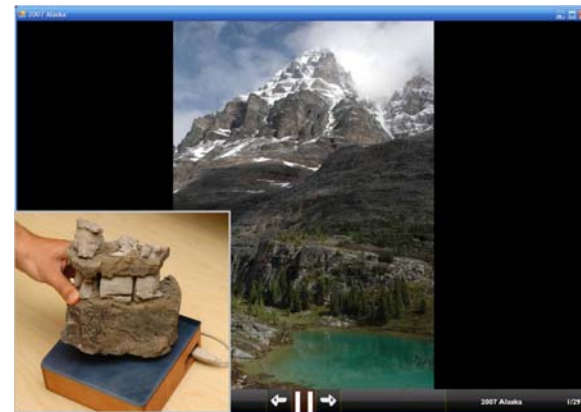
Dept. Computer Science
University of Calgary
Calgary, Alberta, Canada
saul.greenberg@ucalgary.ca

**Michael Nunes**

Dept. Computer Science
University of Calgary
Calgary, Alberta, Canada
m.n.nunes@gmail.com

## Extended Abstract

Within the home, digital photos lack the physical affordances that make collocated photo-sharing easy and opportunistic. Family members have difficulty accessing the personal accounts of the photo organizer, navigating to these photos, or finding the desired ones within the vast number of photos stored on disk. Viewing photos on a standard PC screen is also awkward due to crowding. To promote in-home photo sharing, we designed Souvenirs, an RFID-based system that lets people quickly link digital photo sets to physical memorabilia. These memorabilia trigger memories and serve as social instruments; a person can enrich their story-telling by moving the physical memorabilia close to their large-format television screen, and the associated photos are immediately displayed. A person can also bring a mobile device near memorabilia: the photos appear on that display. Through pick and drop, a person can also transfer the photo display from the mobile device to the large screen for easier viewing. This video motivates and illustrates how all this works.

## Keywords
Ubiquitous computing, digital photo management.

## ACM Classification Keywords
H.5.2 [User Interfaces]: Graphical user interfaces (GUI), Input devices and strategies, Interaction styles, user-centered design.

## Related publications:

1. Nunes, M., Greenberg, S. and Neustaedter, C. (2008) Sharing Digital Photographs in the Home through Physical Mementos, Souvenirs, and Keepsakes. *Proc. ACM DIS'08,* pages 250-260,

2. Nunes, M. (2008) *Sharing Digital Photographs in the Home Through Physical Memorabilia.* MSc thesis, Dept Computer Science, University of Calgary, Alberta, Canada, September.