

# Next Generation of Spontaneous Social networks

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## 1. Introduction

In our modern societies, our everyday life is organized around a succession of activities taking place at different space and time. In this context we want to use our environment to go beyond the existing online information search and knowledge queries functionalities. We propose to represent our daily life latent communities into the digital world. This will enable people to attach information and content to their activities, to have contextually pertinent communications among them, and build knowledge.

## 2. Concept

Spontaneous Social Networks (SpSN) are groups of people spontaneously forming communities of interest around a common resource (a digital content, a location, etc.) and using modern wireless communication tools. In the continuity of Mobile Virtual Communities related works [EMK,Rhe02], we propose to go beyond actual spontaneous (ad-hoc) social networking, by leveraging  $\S$ always-on $\ddot{T}$  connectivity. In this framework we started an open innovation project with Abilene Christian University and Cambridge University

Press to experiment possibilities of SpSN such as the social book, for an augmented learning and discovery experience. The social book brings readers in an environment where shared content annotations becomes the trigger of social conversations (providing relevant and adequate contacts) and a potential for collective intelligence features for an augmented learning experience.

## 3. Perspective

- Using studies of SpSN to conceive new tools, providing new triggers of interactions that may lead to new usages.
- Leveraging collective intelligence from such social networks to propose advanced information and knowledge management capabilities.

## References

- [EMK] C El Morr and J. . Kawash. Mobile virtual communities research: a synthesis of current trends and a look at future perspectives. 3.
- [Rhe02] H. Rheingold. Mobile virtual communities. 2002.

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