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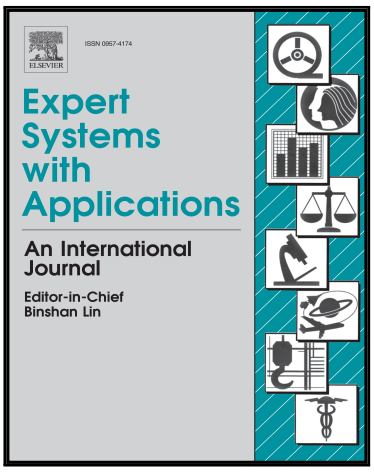

Dynamic Virtual Communities based on Context-aware Computing and Spontaneous Social Network

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Highlights

- We propose Spontaneous Social Network (SSN), grouping people without former relation.
- The main contribution is the creation of communities based on multiple contexts.
- We develop a mobile application called Dino to evaluate SSN model.
- The experiments showed average of 84%/80% for sense of community/belonging.
- Other obtained results for SSN were 90% usefulness, 92% loyalty and 81% ephemerality.

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