

Privacy concerns and social network routing

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Abstract

Researchers have proposed novel Internet applications for social network information beyond “traditional” social network sites, e.g., search, distributed computation, and security. Users’ privacy concerns are typically overlooked when considering such novel applications.

We present a case study of the performance of social network routing in opportunistic networks, before and after considering users’ privacy preferences. We find that taking users’ privacy concerns into account may lead to dramatically lower performance for social network routing schemes.

Poster

We would be interested in presenting the following poster during the SOCIALNETS workshop on 18 November: http://www.cs.st-andrews.ac.uk/~ip/tmp/2010-11-18_socialnets_parris.pdf

We previously presented this poster during the informal SCONE meeting on 14 September, and are keen to receive further feedback from workshop attendees.

Thank you for your consideration.

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