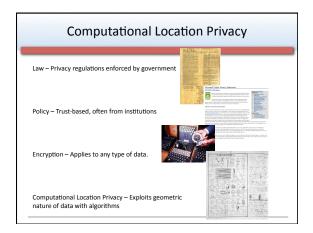
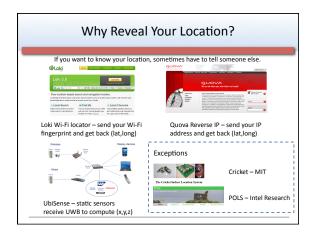
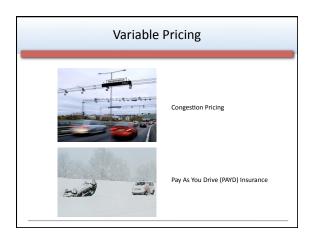
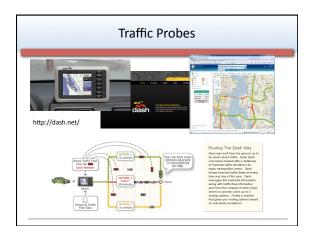
Location Privacy
Computer Science and Engineering - University of Notre Dame

## "... a special type of information privacy which concerns the claim of individuals to determine for themselves when, how, and to what extent location information about them is communicated to others." Duchham, M. and L. Kahi, Loreite privacy and location-average computing, in the state of the state of



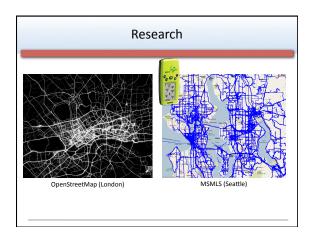




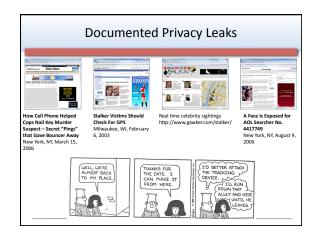




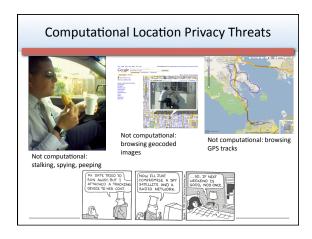


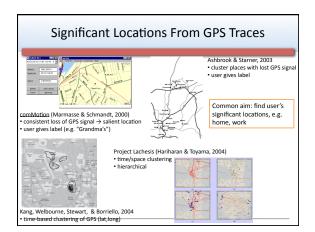


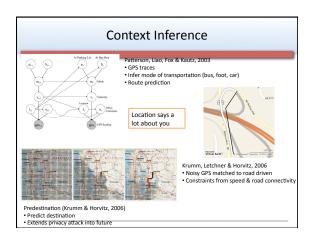
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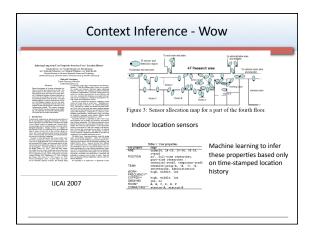


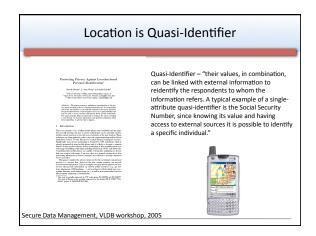
## Subtleties of Location Privacy Interviews of location based services users Less worry about location privacy in closed campus (1) Interviews in 5 EU countries Price for location varied depending on intended use (2) Greeks significantly more concerned about location privacy Study two months after wiretapping of Greek politicians (2) | Concerns. Collets, in Workshop on Economic System Privacy, and Control. Mobile HCJ 2004. 2005. | Most Privacy in Location Privacy and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy, and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy, and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy, and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy, and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy, and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy, and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy, and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy, and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy and Control. Mobile HCJ 2004. 2005. | Concerns. Collets, in Workshop on Economic System Privacy and Control. Mobile HCJ 2004. 2005. | Concerns. Collets. Collets. | Concerns. Collets. | Concerns. | Concerns. | Concerns. | Co

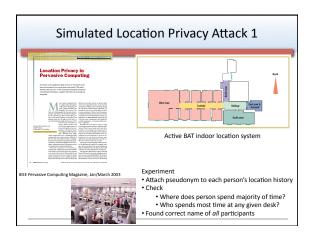




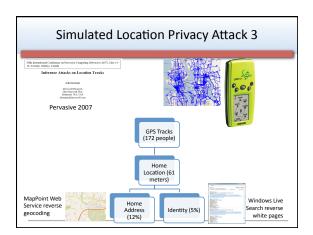


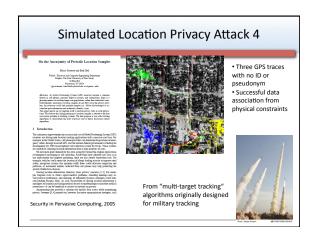


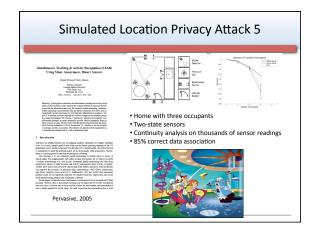


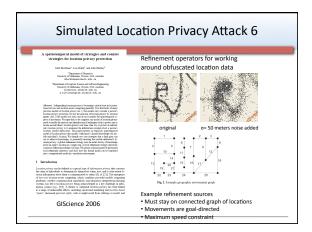


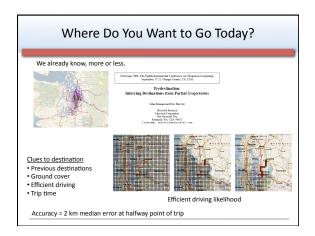


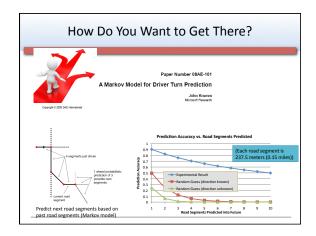


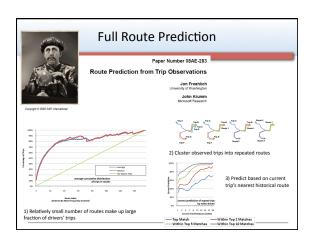


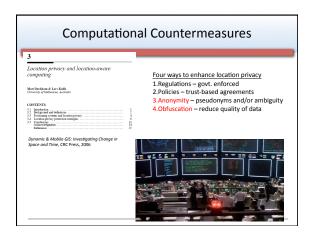


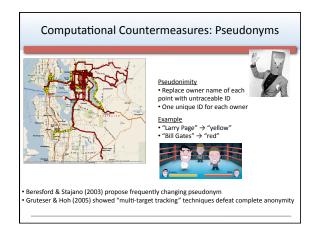


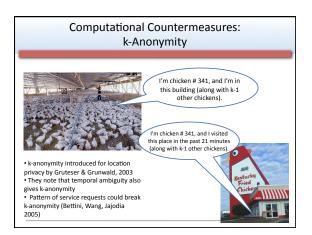


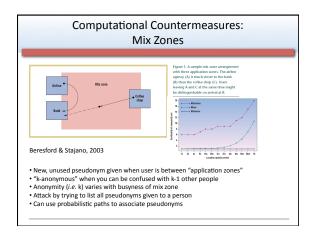


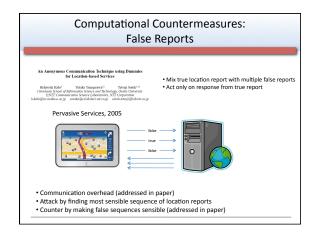


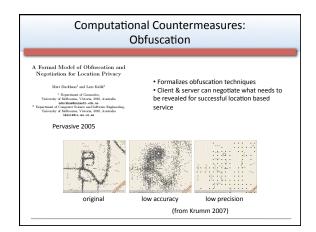


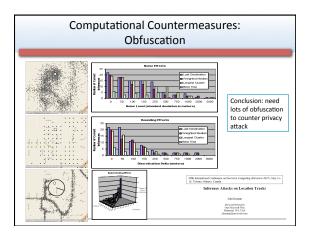


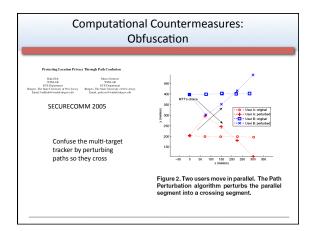












	Conclusion
•	Why reveal your location?
	Lots of good reasons     Including just to know your own location
	Do people care about location privacy?
	Not as much as we might expect
•	Computational location privacy threats
	<ul> <li>Lots of sophisticated threats</li> </ul>
•	Location prediction
	Even possible to infer your future locations
•	Computational countermeasures
	Much work on countermeasures
	More work necessary as more threats come
	PRIVACY SOF FOR 5 MINE THOMES