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A privacy-preserving cloud computing system for creating participatory noise maps

Drosatos, George

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Title:	A privacy-preserving cloud computing system for creating participatory noise maps
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Author:	George Drosatos* , Pavlos S. Efraimidis* , Ioannis N. Athanasiadis* , Ellie D'Hondt† and Matthias Steven†,‡
Abstract:	Participatory sensing is a crowd-sourcing technique which relies both on active contribution of citizens and on their location and mobility patterns. As such, it is particularly vulnerable to privacy concerns, which may seriously hamper the large-scale adoption of participatory sensing applications. In this paper, we present a privacy-preserving system architecture for participatory sensing contexts which relies on cryptographic techniques and distributed computations in the