Recommendation of Tourism Resources Supported by Crowdsourcing

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Motivation

Impact of Crowdsourcing in Tourism Recommendations



Goals

Explore the actual Impact of Mobile Technology in the planning, experiencing and sharing of travelling

Explore Crowdsourcing to create and update the tourists and tourism resources profiles

Design Trust & Reputation models to obtain refined profiles

Power of the Crowd

Build Recommendations using crowd-sourced multi-criteria tourism information

Research Plan

Tourism Crowds	 ourcing • State-of-the-art review • Tourist behaviour questionnaire 	Done	Analysis	Processing
Profiling	 Collecting crowd-sourced information Profiling using multi-criteria information Trust and Reputation modelling 	Done		There is a
Recommenda	 User and item-based tourism recommendation Off-line && On-line Processing 	ndations Done	RESE	ARCH Results
Final Thes	• Writing and defence of final PhD thesis	Next	Data E	Curtowar
Results & Discussions				
Crowd-sourced Data Profiling		Recommendations		





Papers

Published Papers

Conference, 2017. To appear

[5] Leal, Fátima, B. Malheiro, and J. Burguillo (2016). Recommendation of Tourism Resources Supported by Crowdsourcing. In Proceedings of the ENTER 2016 PhD Workshop, International Conference on Information and Communication **Submitted Papers**

- [2] Leal, Fátima, Horacio González-Vélez, B. Malheiro, and J. Burguillo. Profiling [1] Context-aware Tourism Technologies -- submitted to The Knowledge Engineering and rating prediction from multi-criteria crowd-sourced hotel rating. In In Review Journal (waiting final acceptation). Proceedings of 31th European Conference on Modelling and Simulation [2] Trust-based Modelling of Multi-criteria Crowd-sourced Data -- submitted to Data International Conference, 2017. Science and Engineering Journal (under revision).
- [3] Leal, Fátima, Benedita Malheiro, and Juan Carlos Burguillo. Prediction and **On-going Papers** Analysis of Hotel Ratings from Crowd-Sourced Data. World Conference on [1] How Technology Enhances the Tourist Experience: A Survey – submit to Annals of Information Systems and Technologies. Springer, Cham, 2017.
- [4] Leal, Fátima, B. Malheiro, J. Dias, and J. Burguillo (2016). Analysis and [2] On-line Guest Profiling and Hotel Recommendation – submit to Information Visualisation of Crowd-sourced Tourism Data. In Proceedings of the 2016 International C* Conference on Computer Science & Software Engineering







Tourism Research journal

Systems and Applications journal

