International Workshop on Adaptation, Personalization and REcommendation in the Social-semantic Web (APRESW 2010)

Wrap up & Closing

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Discussion – research topics (1/4)

- **User Modelling**
  - **Approaches**
    - Ontology concept-based user profiling [2]
    - Time depending user preferences: short vs. long term [2]
    - Activity and intention-based personal information management [3]
    - Fuzzy sets and functions associated to ontology concepts and properties [5]
    - Multilingual social annotations [6]
    - Pattern-based user profiles: stereotypes [7]
  - **Other issues**
    - Preference acquisition & learning
    - Multi-facet profiles

[2] A Profile Ontology for Personalised Mobile Shopping Support
[5] Introduction to Fuzzy-Ontological Context-Aware Recommendations in Mobile Environments
Discussion – research topics (2/4)

- **Personalisation & recommendation**
  - **Applications**
    - Image suggestion [1]
    - Shopping support [2]
    - Semantic resource retrieval [4]
    - News delivery [7]
  - **Inter-application relations**
    - Image suggestion & shopping support
    - Image suggestion & news delivery
    - Semantic resource retrieval & news delivery
    - …

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Discussion – research topics (3/4)

- **Contextualisation**
  - **Definition of context**
    - Location and time [1][2][3]
    - Activities and intentions [3]
    - Social contacts [3]
    - Physical environment, network setting [5]
    - Other contextual aspects
    - ...
  - **Context modelling**
    - Unified probabilistic recommendation framework [1]
    - Fuzzy ontology-based model [5]
    - Context capture and exploitation
    - ...

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Discussion – research topics (4/4)

- Mobility [2][5]
  - Simplified user interfaces
  - Storage and computation limitations
  - …

- Information linking & integration [4]
  - Integrating the Social Web (folksonomies, social networks) with the Semantic Web (Linking Open Data)
  - …

- Synonym, polisemey, ambiguity, multilingualism [6]
  - Merging approaches
  - …

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Discussion - semantics

- Ontologies – Semantic Web
  - Lists of weighted ontology concepts [2]
  - Ontology entities describing activities and intentions [3]
  - Semantic resources from Linking Open Data [4]
  - Ontology properties with fuzzy values [5]

- Folksonomies – Social Web
  - Linking social metadata with structured knowledge [6]
  - Categorising users [7]

- Content-based features
  - Image low-level (SIFT) features [1]
  - Text keywords [4]

- “Semantic gaps”
- ...

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The story continues after lunch…

LUPAS International Workshop at ESWC 2010 on

Linking of User Profiles and Applications in the Social Semantic Web

[ workshop tag cloud ]
Adaptation Aggregation Applications Dataportability
FOAF Flexibility Extensibility Interoperability Linking
Linked Data Mash-ups Microformats User
Modeling User Profiles Reusability Semantic Web Social Web Syndication Web 2.0

Workshop Organizers

Accepted papers

- **Matthew Rowe**: Inferring Web Citations using Social Data and SPARQL Rules.
- **Matthew Rowe** and **Suvodeep Mazumdar**: Interlinking and Interpreting Social Data from Heterogeneous Sources.
- **Fabien Duchateau** and **Lynda Hardman**: Integrating and Ranking Interests From User Profiles.
- **Salman Elahi, Mathieu d'Aquin** and **Enrico Motta**: Who Want a Piece of Me? Reconstructing a User Profile from Personal Web Activity Logs
- **Paolo Bouquet** and **Stefano Bortoli**: Entity-centric Social Profile Integration (short paper)