

3rd ExpertFinder Workshop

Personal Identification and Collaborations:
Knowledge Mediation and Extraction
(PICKME 2008)

Karlsruhe, Germany, October 27, 2008



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Overview

- ExpertFinder Initiative
- Workshops History
- PICKME 2008 at a glance

ExpertFinder Initiative

- a collaborative international initiative started in 2006
- aims
 - devising vocabularies, rule extensions (e.g., for FOAF and SIOC) and best practices for the annotation of personal homepages, web pages of institutions, conferences, publication indexes
 - providing adequate metadata to enable computer agents to find experts on particular topics
 - enabling a Web-scale infrastructure for the creation, publication and use of experts' semantic descriptions to support various scenarios including: group management; disaster response; recruitment; team building; problem solving and on-the-fly consultation

<http://www.expertfinder.info/>



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- 1st ExpertFinder Workshop, Berlin, Germany
- Co-located with the General Assembly of the EU Network of Excellence KnowledgeWeb
- Topics
 - Collaborative expert finding with semantic web technologies
 - RDF vocabularies and Ontologies for social networking
 - Enabling technologies such as rules extensions for interlinking metadata, recommendation algorithms, and semantic search engines. and their use in present projects and use cases
 - Best practices and standardization for Semantic Web metadata annotation or enriched Web content in general
 - Possible impact of Social Networking and Semantic Web Technologies to Industry
- Keynotes
 - **Dan Brickley**: *FOAF and SKOS for ExpertFinding*
 - **Charles Petrie**: *Semantic Email Addressing*
- Accepted papers
 - <http://expertfinder.info/efw2007/items>

- 2nd ExpertFinder Workshop, November 12, 2007, Busan, Korea
- Co-located with the 6th International Semantic Web Conference (ISWC2007)
- Some of the main topics
 - Specification of vocabularies to describe experts
 - Reuse of existing standards and taxonomies to describe experts
 - International and cross-organisational heterogeneity issues in the expert descriptions
 - Expressivity extensions (in logics, rules) to support expert finding processes
 - Tools for the intuitive creation and maintenance of expert descriptions and associated rules
 - Web infrastructures for the publication and sharing of expert descriptions
- Keynote
 - **Harold Boley**: *Expert Querying and Redirection with Rule Responder*
- Workshop proceedings
 - <http://sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-290/>



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PICKME2008: Some Topics

- Specification of vocabularies and reuse of existing standards/taxonomies to describe experts to capture knowledge about people, their expertise and collaborations with other people
- Extraction of descriptions of persons and collaborations from loosely structured data & databases
- Use of microformat to express and extract knowledge about persons and collaborations
- International and cross-organizational heterogeneity issues in personal descriptions
- Algorithms for expert & expertise finding and recommendation
- Tools for the intuitive creation/maintenance of personal & organizational descriptions and associated rules
- Web infrastructures for the publication/sharing of personal & organizational descriptions
- Extension of collaborative tools to capture knowledge about persons & collaborations
- Deployment of these areas in business scenarios and requirements for the industrial uptake of these applications.

PICKME2008: Program Committee

- Witold Abramowicz
- Diego Berrueta
- Chris Bizer
- Aleman-Meza
Boanerges
- Harold Boley
- Irene Celino
- Asunción Gómez-Pérez
- Tom Heath
- Alain Leger
- Ning Li
- Benjamin Nowack
- Charles Petrie
- Robert Tolksdorf
- Holger Wache

- 14:00 - 14:05
 - Introduction: **Personal Identification and Collaborations - Knowledge Mediation and Extraction (PICKME2008)**
 - Axel Polleres & Malgorzata Mochol
- 14:05 - 14:50
 - **Keynote: Does Your Mobile Device Need to be Socially Aware? A Semantic Web Perspective**
 - Ora Lassila
- 14:50 - 15:10
 - **The Hoonoh Ontology for describing Trust Relationships in Information Seeking**
 - Tom Heath & Enrico Motta
- 15:10 - 15:30
 - **Finding Experts on the Semantic Desktop**
 - Gianluca Demartini & Claudia Niederée
- 15:30 - 16:00
 - Coffee Break

- 16:00 - 16:20
 - **Requirements for expertise location systems in biomedical science and the Semantic Web**
 - Titus Schleyer, Heiko Spallek, Brian S. Butler, Sushmita Subramanian, Daniel Weiss, M. Louisa Poythress, Phijarana Rattanathikum, and Gregory Mueller
- 16:20 - 16:40
 - **Smushing RDF instances: are Alice and Bob the same open source developer?**
 - Lian Shi, Diego Berrueta, Sergio Fernández, Luis Polo, and Silvino Fernández
- 16:40 - 17:00
 - **Topic Extraction from Scientific Literature for Competency Management**
 - Paul Buitelaar & Thomas Eigner
- 17:00 - 17:20
 - **Finding Experts By Semantic Matching of User Profiles**
 - Rajesh Thiagarajan, Geetha Manjunath, and Markus Stumptner
- 17:20 - 17:30
 - **Wrap up**
 - Axel Polleres & Malgorzata Mochol

PICKME 2008: Keynote

- **Speaker**

- **Ora Lassila** - a Research Fellow at the Nokia Research Center in Cambridge (Massachusetts, USA)
 - holds a Ph.D. from Helsinki University of Technology
 - pioneered the Semantic Web vision in the late 1990s
 - has worked on many of the fundamental aspects of the technology
 - focuses on the applications of Semantic Web technology to mobile devices and personal information management.

- **Title**

- **"Does Your Mobile Device Need to be Socially Aware?
A Semantic Web Perspective"**

Enjoy PICKME2008!