MALLOW'007 - Durham, UK

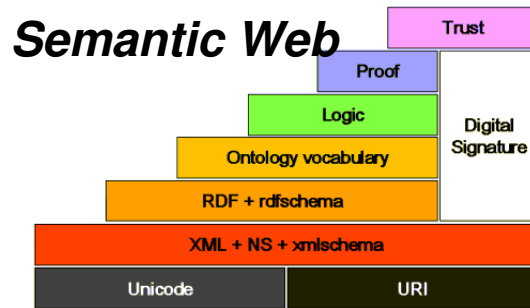AWESOME

Agents, Web-Services, and Ontologies
Integrated Methodologies
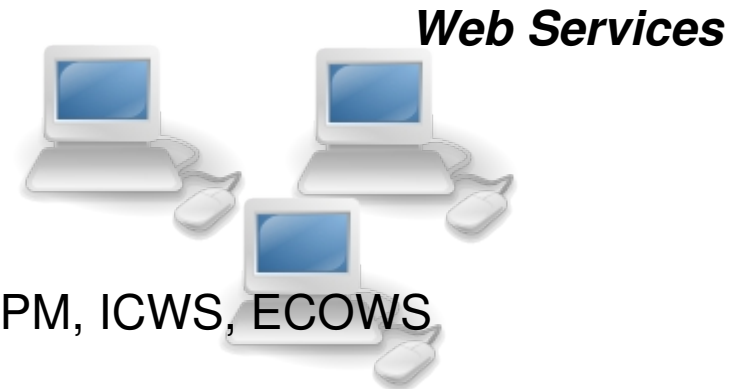
007

Durham, UK - September 4-6 2007

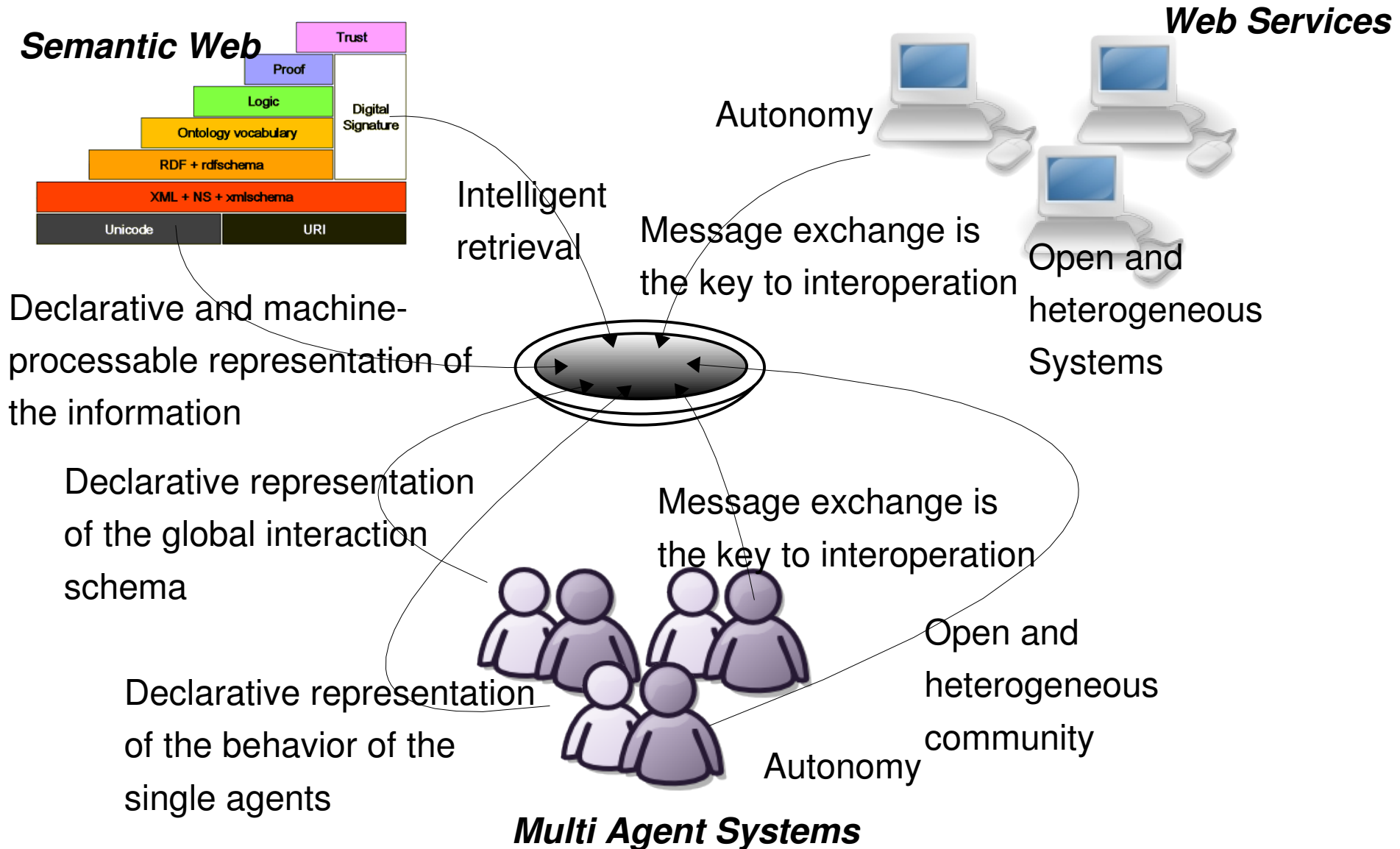# Semantic Web <-> Web Services <-> MAS

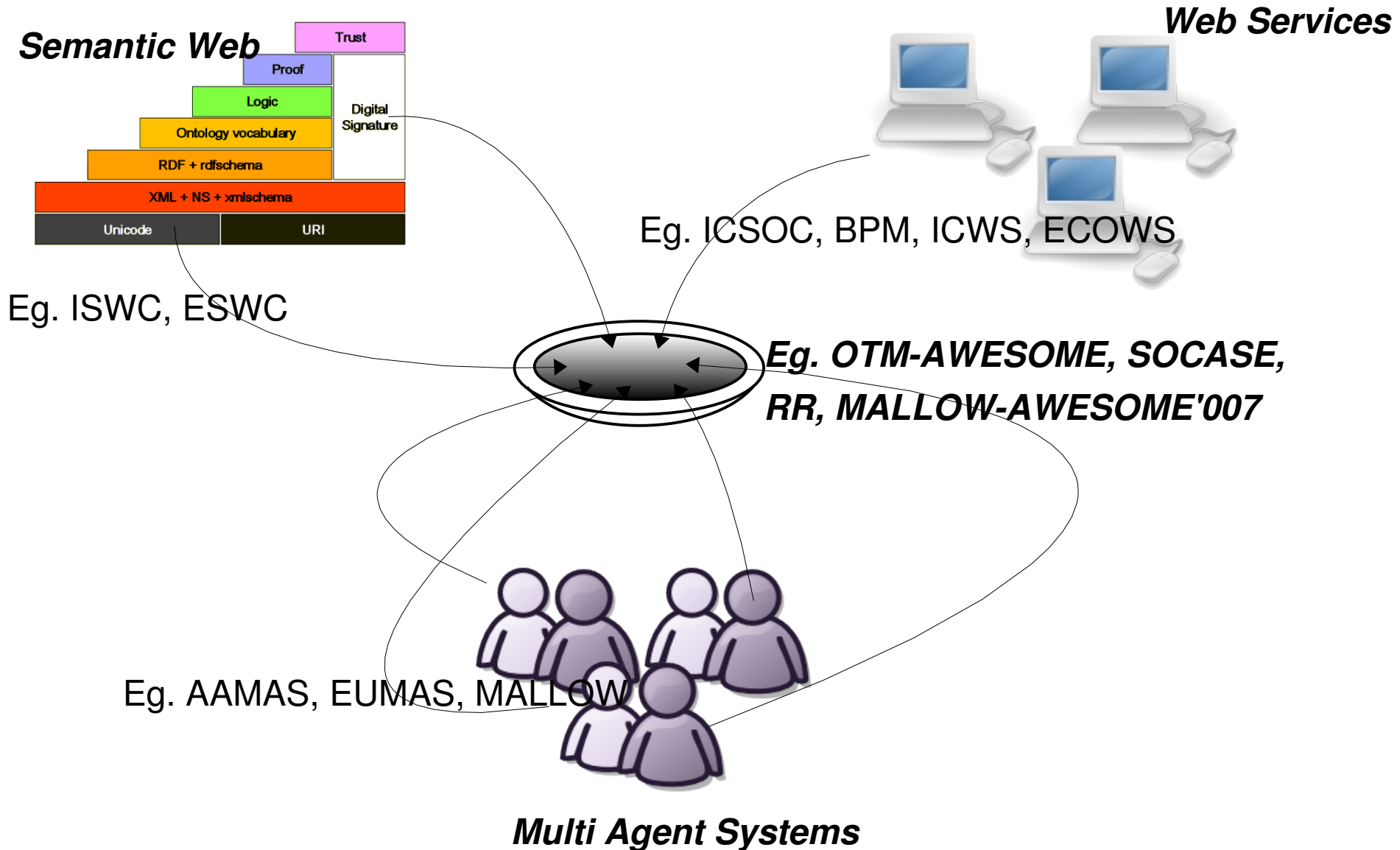**Semantic Web**

Eg. ISWC, ESWC

Web Services

Eg. ICSOC, BPM, ICWS, ECOWS

Eg. AAMAS, EUMAS, MALLOW

Multi Agent Systems

Semantic Web <-> Web Services <-> MAS

Semantic Web

Trust	
Proof	
Logic	Digital Signature
Ontology vocabulary	
RDF + rdfschema	
XML + NS + xmlschema	
Unicode	URI

Web Services

Autonomy

Intelligent retrieval

Message exchange is the key to interoperation

Open and heterogeneous Systems

Declarative and machine-processable representation of the information

Declarative representation of the global interaction schema

Message exchange is the key to interoperation

Open and heterogeneous community

Declarative representation of the behavior of the single agents

Autonomy

Multi Agent Systems

Semantic Web <-> Web Services <-> MAS

Semantic Web

Trust
Proof
Logic
Digital Signature
Ontology vocabulary
RDF + rdfschema
XML + NS + xmlschema
Unicode | URI

Web Services

Eg. ICSOC, BPM, ICWS, ECOWS

Eg. ISWC, ESWC

Eg. OTM-AWESOME, SOCASE, RR, MALLOW-AWESOME'007

Eg. AAMAS, EUMAS, MALLOW

Multi Agent Systems

The aim of MALLOW-AWESOME

- The realisation of distributed, open, dynamic, and heterogeneous software systems is a challenge that involves many facets (formal theories, software engineering, practical applications)
- Various research areas, e.g. Semantic Web, Web Services, Agents, Ontologies, attack this problem from different perspectives: MALLOW-AWESOME'007 provides a discussion forum for collecting and comparing such diverse experiences with the aim of fostering cross-fertilization
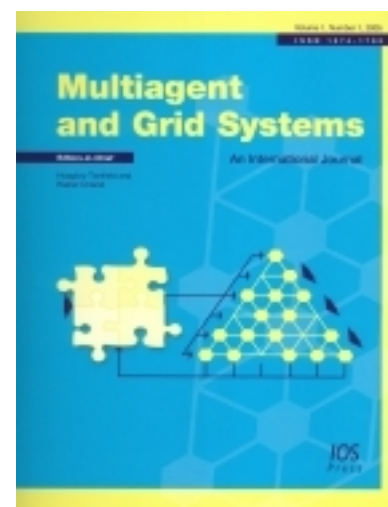
MALLOW-AWESOME'007 papers

- 10 full presentations and 1 short presentation

- Main topics of the presentations: goal-driven reasoning; agents, BPMN, and choreographies; debate exploration; agent communication and upper ontologies; banking fraud prevention; learning curricula planning and verification

Invited Talks

- prof. *Munindar Singh*

  North Carolina State University, USA,

  Commitment-Based SOA

  (joint work with Amit K. Chopra and Nirmit Desai)

- *prof. Julian Padget*

  University of Bath, UK,

  Regulation Frameworks, Semantics and Service Oriented Architectures

MAGS Special Issue

- A special issue of *Multiagent and Grid Systems* (international journal by IOS Press)
- Extended and revised versions of workshop papers
- *Open call*: all participants are invited to submit
- Title and Abstract: 15-1-2008
  Paper: 20-2-2008
- *15 title and abstract received!!*

DALT 2008

MAY 2008 - ESTORIL, PORTUGAL

- 6th International Workshop (at AAMAS 2008) on *Declarative Agent Languages and Technologies*

Lecture Notes in Artificial Intelligence
Lecture Notes in Computer Science

- Estoril, Portugal, May 12$_{th}$ or 13$_{th}$, 2008
- **Deadline**: *January 25$_{th}$, 2008*

- *The post-proceedings will be published by Springer-Verlag in the **Lecture Notes in Artificial Intelligence** series*

`http://www.di.unito.it/~baldoni/DALT-2008/`