essence

Evolution of Shared SEmaNtics in Computational Environments

2nd ESSENCE Summer School on Evolving Semantic Systems

24th-28th August 2015 - Edinburgh, United Kingdom

An international doctoral school that offers a high-profile programme of tutorials on various topics related to the emergence, negotiation, and evolution of meaning in natural and computational systems across traditional research areas - semantic technologies, natural language processing, language evolution, and agent-based systems.

To register and apply for financial support, please visit

www.essence-network.com/summerschool/

Deadline for applications - 4th August

Tutorials

Georgiana Dinu	(Rovereto, Italy)	Vector space models of meaning in natural language processing
Jerome Euzenat	(Grenoble, France)	Dynamic interoperability: from ontology matching to cultural knowledge evolution
Peter Gärdenfors	(Lund, Sweden)	The Geometry of Meaning: Semantics Based on Conceptual Spaces
Fausto Giunchiglia	(Trento, Italy)	Adaptive Data Integration
Nick Hawes	(Birmingham,UK)	Structured Representations for Robot Behaviour
Ben Kuipers	(Ann Arbor, USA)	The Foundations of Spatial Knowledge: Representation and Learning
Nicolas Maudet	(Paris, France)	Negotiation Amongst Agents - Principles and Techniques
Stephen Muggleton	(London, UK)	Logic-based and Probabilistic Symbolic Learning
Robert van Rooij	(Amsterdam, Netherlands)	Games and language interpretation
Nicu Sebe	(Trento, Italy)	From Concepts to Events: A Progressive Process for Multimedia Content Analysis
Aaron Sloman	(Birmingham, UK)	Evolved construction-kits for building minds
Michael Spranger	(Tokyo, Japan)	Evolutionary Semantics: Case Studies with Robots
Remi van Trijp	(Paris, France)	Computational construction grammar and constructional change

What is ESSENCE?

ESSENCE is a Marie Curie-funded Initial Training Network that investigates how meaning emerges and evolves through communication among intelligent systems. We develop methods that enable software agents, sensors, and robots to autonomously construct, negotiate, and evolve meaning.
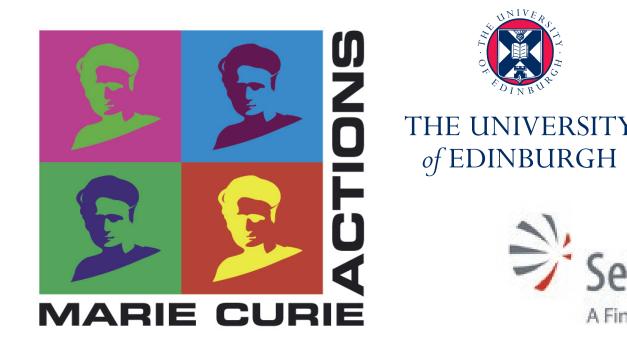
www.essence-network.com

Venue and Location

The Summer School will be hosted by the School of Informatics of the University of Edinburgh and will take place at the Informatics Forum in central Edinburgh. A UNESCO World Heritage Site, Edinburgh has been recognised as the capital of Scotland since at least the 15th century. Regularly voted as one of the best places to live in the world, Edinburgh is a safe, cosmopolitan city with a wide variety of cultures and nationalities living beside each other. It mixes large green spaces with outstanding architectural beauty and is known for its exciting cultural life. Join us at the height of summer when the world comes to Edinburgh for the famous Edinburgh International Festival and Edinburgh Festival Fringe!

For further enquiries, please contact essence-info@inf.ed.ac.uk

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