

CURRICULUMVITAE

Institute Information Systems

Prof. Maria Sokhn



Contact

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Biography

Maria Sokhn is a professor at the HES-SO Valais – Wallis. She holds a PhD from the Telecom Paris Tech in 2011. She graduated from the Engineering Faculty of Saint Joseph University, with a Computer and Communication Engineer diploma, and holds a specialized master diploma from Telecom Paris Tech in Multimedia production and creation. She led the eGov Technology Center at HES-SO Fribourg from 2009 until 2012. Her researches interest focuses on eGovernment, multimedia information retrieval and knowledge management.

Research Interest

eGovernment,
Multimedia information retrieval
Knowledge management and modeling

Skills

Semantic web technologies

Education

- 2007-2011 **PhD** in multimedia knowledge management and visualization from **Telecom ParisTech** and the EIA-FR, in collaboration with the **CERN**
- 2006-2007 **Master** degree in multimedia creation and production from **Telecom ParisTech** and the national audio-visual institute in Paris
- 2000-2005 **Engineering** Degree in computer science and networking from the engineering faculty of Saint Joseph University in Beirut

Experience

- 2009-2012 **Leader** of the **eGov Technology Center**, funded by the **PST-FR**. It is a network of technological expertise in eGovernment composed of academic, public and private partners
- 2007-2012 **Multimedia Information System Group, HES-SO // Fribourg, Senior researcher**
- 2007 **Siemens** – Department of the information system for human resources (France): Modules development for the dematerialization of the workflow of administrative management, the human resources management and the skills management
- 2006 **Société Générale Corporate** – Investment Banking department (France): Modules development for an internal software that crosses the information between the information coming from the department of human resources and the information resulting from other softwares

Projects

- 2013- 2015 **SAB Modeling**
Ce projet intervient dans la phase de modélisation et simulation du cycle de vie d'un BPM dans le but de faciliter la création des processus ainsi que leur efficacité en se basant sur les nouvelles technologies qui offrent particulièrement un grand potentiel au niveau de l'automatisation et la reconnaissance de processus similaires.
- 2011-2014 **eGov Innovation Center**
Centre de compétences proposant un nouveau modèle d'administration publique durable reposant sur les nouvelles technologies de l'information et de la communication.

Teaching activities – Courses

- 2012 – 2013 **Modélisation**
1^{ère} année bachelor
- 2013 **Programmation orientée objet**
1^{ère} année bachelor
- 2013 **Java**
Formation continue
- 2013 **eBusiness**
HES-SO Master
- 2013 **Business model design**
HES-SO Master

Teaching activities – Master and bachelor projects supervision

- 2013 **Sentiment analysis : Politic mining**
Janique Soderegger
- 2013 **Découverte de processus**
Sylvestre Bassene
- 2013 **Impact d'un changement de processus dans une entreprise**
Marc Fluckiger
- 2013 **Aide à la décision des KPI**
Zeina Youssef
- 2013 **Visionner son business model design à partir de son SI**
Frédéric Chautemens

Publications – Journal articles

- 2013 N. Charara, Maria Sokhn Sokhn, I. Jarkass, N.Chebbo, O. Abou Khaled, E. Mugellini. ***Dynamic Extended Rectangle Based Method for 3D Visual Scene Segmentation***, International Review on Computers and Software [JOURNAL]
- 2013 Hassan Noureddine, Maria Sokhn, Iman Jarkass, Nazir Chebbo, Omar Abou Khaled and Elena Mugellini, "***Enhanced conference organization based on correlation of Web information and ontology based expertise search***", International Conference on Information Retrieval and Knowledge Management (ICIRKM 2013), Venice, Italy April 14-15, 2013. [ARTICLE]