



Conference Programme SIIE'2012 / Programme de la conférence

5th. International Conference on " Information Systems & Economic Intelligence "

February 16th. - 18th, 2012. , Hôtel Vincci Resort, Djerba – Tunisia. <http://www.siiie.fr> or <http://siiie2012.loria.fr>

Wednesday, Feb. 15th, 2012 (PM) / Mercredi, 15 février 2012

16h00-18h00 : Welcome and Registration / Accueil et Inscriptions

18H00 : Welcome Reception / Réception de Bienvenue

Thursday, Feb. 16th, 2012 / Jeudi, 16 février 2012

8h00-9h00 : Welcome and Registration / Accueil et Inscriptions

9h00-9H30 : Conference opening / Ouverture de la conférence

Welcome inauguration / Allocutions de bienvenue :

- **Malek GHENIMA**, Co-Président du Comité d'organisation – Université de Manouba, Tunisie
- **Sahbi SIDHOM**, Co-Président du Comité d'Organisation – Université de Lorraine, France
- **Marie Christine ROUSSET**, Présidente du Comité scientifique – Université J. Fourier Grenoble & Institut Universitaire de France, France

9h30-11H00 : Plenary Conference or Tutorial / Conférence ou Tutoriel

Chair: Jean Paul HATON (LORIA/INRIA - Université de Lorraine/Nancy 1 et Institut Universitaire de France, France)

Title: " Where competitive intelligence is going in North America - new frameworks and approaches ".

Guest speaker : Jonathan CALOF, (Telfer School of Management - University of Ottawa, Canada)

Discussion / Débat

11h00-11h30: coffee break / pause café

11h30-13H00 : Plenary Conference or Tutorial / Conférence ou Tutoriel

Chair: Marie-Christine ROUSSET (LIG – Université J. Fourier Grenoble & Institut Universitaire de France, France)

Title: “ The APROMORE Initiative”.

Guest speaker: Marie-Christine FAUVET, (LIG - Université Joseph Fourier, France) & Marcello La Rosa, (NICTA Queensland Lab - Queensland University of Technology, Brisbane, Australia.

Discussion / Débat

13h00-14h30: Lunch / Déjeuner

14h30-16h00 : Parallel sessions / Sessions parallèles

Session A1: [SI & IE] NLP Applications

Chair: Mohamed HASSOUN (ENSSIB de Villeurbanne, France)

Ferihane Kboubi, Anja Habacha Chabi, Mohamed Ben Ahmed (RIADI Lab ENSI, University of Manouba, Tunisia)

Explorative and Thematic Search Platform in a Textual Corpus.

Jaffali Soufiene and Jamoussi Salma. (MIRACL, University of Sfax, Tunisia)

Text document dimension reduction using Principal Component Analysis.

Slim Mesfar and Maha Bechaouch (RIADI Lab – ESCE, University of Manouba, Tunisia)

Towards an information watch tool in Arabic : a linguistic approach.

Session B1: [SI] e-learning & Applications

Chair: Abdelmajid BEN HAMADOU (Directeur de l'ISIM Sfax, Lab. MIRACL Université de Sfax, Tunisie)

Benjelloune Touimi Yassine, El Faddouli Nour-Eddine, Bennani Samir and Khalidi Idrissi Mohamed (EMI - Mohammed V University Agdal, Rabat, Morocco)

Trace-based project learning system.

Djeffal Abdelhamid, Babahenini Mohamed Chaouki and Taleb-Ahmed Abdelmalik (LESIA, LAMIH Labs., Biskra University, Algeria & Valenciennes University, France)

Fast Support Vector Machine learning from large databases by samples reduction.

Chouchane Khamsa and Kazar Okba (University Hadj Lakhdar, Batna & CS. Dept. Faculty of Science and Engineering, University Mohamed Khider, Biskra, Algeria)

Mobile Learning: A State Of The Art And Perspectives.

Asmaa Retbi, Farid Merrouch, Mohammed Khalidi Idrissi and Samir Bennani (EMI - Mohammed V University Agdal, Rabat, Morocco)

Domain-Specific Modeling approach to design educational content.

Session C1: [IE] Economic intelligence & Knowledge Management

Chair: Jameleddine CHICHTI (ECCOFIGES & ESCT, Manouba University, Tunisie)

Rony Germon, Patrick Laclemece and Babiga Birregah (ICD – CREIDD, UMR STRM – CNRS, University of Technology of Troyes, France)
Intangible Capital Risk Assessment (ICRA) a new framework for SMEs performance management.

Radia Bernaoui and Mohamed Hassoun (ENSV d'Alger, Algeria & ENSSIB, France)
Organization of the economic intelligence: Case of Algerian food-processing companies.

Fadoua Ouamani, Riadh Hadj M'Tir, Narjes Bellamine and Henda Ben Ghezala (RIADI-GDL Laboratory. ENSI, University of Manouba, Tunisia)
Proposal of a generic and multidimensional socio-cultural user profile for collaborative environments.

H. Amina Kadri-Messaïd and Sofiane Saadi (ENSM & CREAD, Alger, Algeria & LOGE Algérie - Senior Advisor; NT2S Consulting Inc. Vancouver, Canada)
Economic Intelligence and the need to control the informational environment by Algerian companies.

16h00-16h30 : coffee break / pause café

16h30-18h00 : Parallel sessions / Sessions parallèles

Session A2: [SI & IE] Information management and knowledge sharing

Chair: Stéphane CHAUDIRON (Laboratoire GERiCO & Université de Lille 3, France)

Salma Fourati and Mokhtar Amami (Ecole Supérieure de Commerce, Mannouba University, Tunisia - RMC, Kingston, Ontario, Canada)
Supply Chain Management synchronization: the role of information technologies in the chain optimization.

Nesrine Ben Yahia, Narjes Bellamine and Henda Ben Ghezala (RIADI-GDL Laboratory, ENSI, University of Manouba, Tunisia)
Towards a Generic Framework of Collaborative Knowledge Management.

Ennajeh Leila and Amami Mokhtar (Ecole Supérieure de Commerce, Mannouba University, Tunisia – RMC, Kingston, Ontario, Canada)
The Innovative Nature of OSS Development Model.

Gustavo Rodriguez-Barcenos and Maria J. Lopez-Huertas (Instituto Superior Minero Metalúrgico de Moa, Holguín, Cuba & Universidad de Granada, Spain)
The Saaty's Analytical Hierarchies Method for Knowledge Organization in Decision Making.

Session B2: [SI] Business process & Web services

Chair: Pascal PECQUET (Université de Montpellier 1, France)

Lobna Zghal and Nahla Zaaboub, (Miracle Laboratory. FSEG Sfax, Tunisia)
A metric based methodology for quality diagnosis of business process models.

Mohamed Said Mehdi Mendjel and Hassina Seridi, (Labged Laboratory. Department of computer science, Annaba University, Algeria)
A new process approach based on rules and semantic web services.

Ahmed Aloui, Okba Kazar and Saber Benharzallah, (Computer science Dept., University of Batna, Algeria)
A mobile agent for M-Business approach.

Session C2: [IE] Information Systems & Governance

Chair: *H. Amina KADRI MESSAÏD (ENSM & CREAD Alger, Algeria)*

Nir Kshetri and Souad Chouk (Univ. of North Carolina - Greensboro, USA & Ecole Supérieure de Commerce, Mannouba University, Tunisia)

Institutional Legitimacy and Software Piracy: Evidence from Tunisia.

Tharwa Najjar and Amami Mokhtar (*LIGUE Laboratory*, University of Mannouba, Tunisia & Royal Military College of Canada, Kingston, Ontario, Canada)

A proposed Model of Interorganizational Information Systems Impact in the Supply Chain (Research in progress).

Lamyaa El Bassiti, Mounia Abik and Rachida Ajhoune (LeRMA, ENSIAS, University of Mohammed V Souissi, Rabat, Morocco)

Organization of the 21st century, new challenges, new opportunities.

18h00-19h00 : Panel / Table ronde A

Chair: **Rim JELLOULI (Directrice ESCE - University de la Manouba, Tunisia)**

<i>Panel theme :</i> Universities and The Partnerships : Opportunities and Challenges / Universités et Partenariats : Opportunités et Défis	
Patrick NOURISSIER <i>Président de NETLOR (éditeur de solutions de gestion en ligne), France.</i>	Rym TABBANE <i>Directrice des études et des stages ESCE- Université de la Manouba, Tunisie.</i>
Jean-François THONIN <i>Président Directeur Général de Data-Deliver (cabinet d'études en Veille Stratégique), France.</i>	Khabbab HADHRI <i>Responsable de la pépinière des projets de services en ligne, Ministère de l'industrie et du commerce, Tunisie.</i>

From / à partir de 20h00 : Tunisian Dinner / Dîner Tunisien

Friday, Feb. 17th, 2012 / Vendredi, 17 février 2012

8h00-9h00 : Welcome and Registration / Accueil et Inscriptions

9h00-10h30 : Plenary Conference or Tutorial / Conférence ou Tutoriel

Chair: Anne BOYER (LORIA – Université de Lorraine/Nancy 2, France)

Title: “User and Topic Analytics on the Social Web of News”.

Guest speaker: Sihem AMER-YAHIA, (QCRI - Qatar Computing Research Institute, Qatar & LIG - CNRS Grenoble, France)

Discussion / Débat

10h30-11h00 : coffee break / pause café

11h00-12h30 : Plenary Conference or Tutorial / Conférence ou Tutoriel

Chair: Sahbi SIDHOM (LORIA - Université de Lorraine/Nancy 2, France)

Title: “Web 2.0, Enterprise 2.1 and Supply Chain Management”.

Guest speaker: Mokhtar AMAMI, (Business Administration - Royal Military College of Canada, Ontario, Canada)

Discussion / Débat

12h30-14h00 : Lunch / Déjeuner

14h-15h30 : Parallel sessions / Sessions parallèles

Session A3: [SI & IE] Information Retrieval Models & Systems

Chair: Jamel FEKI (Laboratoire MIR@CL, Université de Sfax, Tunisie)

Nacim Yanes, Sihem Ben Sassi and Henda Hajjami Ben Ghézala (RIADI-GDL Laboratory, ENSI, University of Manouba, Tunisia)

A Theoretical and Empirical Evaluation of Software Component Search Engines, Semantic Search Engines and Google Search Engine in The Context of COTS-Based Development.

Samia Fellag - Berchiche and Mohamed Mezghiche (Mouloud Mammeri University of Tizi-Ouzou, Algeria & M'Hamed Bougara University of Boumerdes, Algeria)

Relevance propagation and use anchor text links and title tag to improve research in XML documents.

Mahran Farhat, Farah Harrathi and Mohamed Mohsen Gammoudi (RIADI-GDL Laboratory, ENSI, University of Manouba, Tunisia)

A based on Formal Concept Analysis method for semi-structured query reformulation.

Session B3 : [SI] Speech processing for voice Conversion & Correction

Chair: Marie Christine HATON (LORIA/INRIA - Université de Lorraine/Nancy 1, France)

Ibon Ruiz and Begoña Garcia (DeustoTech-Life Unit. DeustoTech Institute of Technology. University of Deusto. Bilbao, Spain)

Enhancement of Shimmer in Oesophageal Speech.

Mouhcine Chami, Joseph Di Martino, Laurent Pierron and El Hassan Ibn Elhaj (INPT, Rabat, Morocco & INRIA Nancy / Loria – UHP University, France)

Real-Time Signal Reconstruction from Short-Time Fourier Transform Magnitude Spectra using FPGAs

John M. O' Toole and Begoña Garcia ((DeustoTech-Life Unit. DeustoTech Institute of Technology. University of Deusto. Bilbao, Spain)

Glottal Waveform Model for Oesophageal Speech.

Fadoua Bahja, Joseph Di Martino, El Hassan Ibn Elhaj and Driss Aboutajdine (LRIT. Faculty of Sciences & INPT Rabat, Morocco & INRIA Nancy - UHP, France)

Prediction of Cepstral Excitation Pulses for Voice Conversion.

Session C3: [IE] Competitive Intelligence

Chair: Parina HASSANALY (IEP d'Aix-en-Provence, France)

Jihene Chebbi Ghannay and Zeineb Ben Ammar Mamlouk (ESSEC, University of Tunis, Tunisia)

Linking Competitive Intelligence to Knowledge Management can lead to a Sustainable Competitive Advantage.

Fatma Fourati-Jamoussi. (Department of Transversal Engineering Sciences and Management , Institut Polytechnique LaSalle Beauvais , France)

The evaluation of use of strategic intelligence tools.

Abir Besbes, Mohamed Ghazi Khenissi and Jamel-Eddine Gharbi (LIGUE - Manouba University, Tunisia & FSEGJ, Jendouba University, Tunisia)

Business intelligence and informational advantage: a case study in an emergent country.

15h30-16h00 : pause café / coffee break

16h00-17h30 : Parallel sessions / Sessions parallèles

Session A4: [SI & IE] e-Technologies & Applications

Chair: Maher GASSAB (Directeur de l'Ecole Supérieure de Commerce de Tunis, Université de la Manouba, Tunisie)

Afef Belghith and Jameleddine Gharbi, (Manouba University, Tunisia & Jendouba University, Tunisia)

Time-space-based framework for electronic commerce assimilation : an integrative hermeneutic perspective for Tunisian firms.

Djeffal Abdelhamid, Hermes Soumia and Ouassaf Atika (Computer Science Department - Biskra University, Algeria)

An accelerated SVM method for credit scoring.

Benchouia Ahmed Abdelhakim (IT Department, Albaraka Bank of Algeria, Algeria)

Experience in Evaluating a Vendor Developed Banking Software In a Down-Grade Virtualization Mode.

Senda Jmour and Hassouna Fedhila (ESC Sfax, University of Sfax & ISCAE, University of Manouba, Tunisia)

User acceptance of accounting computerized applications in Tunisian firms.

Session B4: [SI] Semantic Representation & Ontology Models

Chair: *Mohamed Mohsen GAMMOUDI (RIADI-GDL Laboratory, ESSAI - Université de Carthage, Tunisie)*

Zied Bouraoui, Achraf Mtibaa and Faiez Gargouri (Miracl Laboratory. University of Sfax, Tunisia)

A possibilistic ontology to deal with imperfect representation.

Khaled Benali, Sidi Ahmed Rahal and Salim Khat (Lab. systems, Networks, Databases - SNDB. University of Science and Technology of Oran , Algeria)

Association Rules based on Domain Ontology (Application to Oil Field).

Salma Ben Meftah, Kaïs Khrouf, Jamel Feki, Maha Ben Kraiem and Chantal Soulé-Dupuy (Mir@cl Lab., University of Sfax, Tunisia & IRIT, University of Toulouse I, France)

Document Warehouse: Integration of Semantic Structures.

Session C4: [SI] System Development & Community Applications

Chair: *Okba KAZAR (Université de Biskra, Algérie)*

Huwaida Elshoush. (Faculty of Mathematical Sciences, University of Khartoum, Sudan)

The Alert Correlation Process in Collaborative IDSs - an Enhanced Framework using Rough Set.

Samia Boubaker, Ferid Rehim and Adel Kalboussi, (LEM - Faculté des Sciences de Monastir, Tunisia & ENIM, Tunisia)

Road traffic simulation with lane change.

Ikram Bououd and Imed Boughzala (TEM Research Center, Institut TELECOM, France)

Using Virtual Worlds for Collaboration: An exploratory study to understand their specificities.

17h30-18h30 : Panel / Table ronde B

Chair: *Sofiane SAADI (Senior Advisor at LOGE Algeria & NT2S Consulting Inc. Vancouver, Canada)*

<i>Panel theme :</i>	
Competitive intelligence – Trends and Challenges / Intelligence Compétitive – Tendances et Challenges	
Jean-Louis LEVET <i>Conseiller auprès du Commissaire général à l'investissement ; Commissariat Général à l'Investissement (CGI) (placé auprès du Premier ministre), France.</i>	Mohamed BACHA <i>DG de la Veille stratégique, des Études et des Statistiques & Ministère de l'Industrie, de la Petite et Moyenne Entreprise et de la Promotion des Investissements, Algérie.</i>
Mohamed Chérif BELMIHOUB <i>Professeur en économie et Directeur de l'Ecole Nationale Supérieure en Management, Alger, Algérie.</i>	Philippe CLERC <i>Directeur Général de l'intelligence économique, de l'innovation et des TIC & Assemblée des Chambres françaises de commerce et d'industrie, France.</i>
Jonathan CALOF, <i>Telfer School of Management – University of Ottawa. Canada.</i>	Mounir ROCHDI <i>Fondateur Veille.ma (Maroc) et Directeur général Cybion France.</i>

21h00 : Gala Dinner / Dîner gala

Saturday, Feb. 18th, 2012 / Samedi, 18 février 2012

8h00-9h00 : Registration / Inscriptions

9h00-10h30 : Plenary Conference or Tutorial / Conférence ou Tutoriel

Chair: Malek GHENIMA (Ecole Supérieure de Commerce de Tunis - Université de la Manouba, Tunisie)

Title: "Semantic and social intraweb for corporate intelligence and watch".

Guest speaker: Fabien GANDON, (INRIA Sophia Antipolis, France)

Discussion / Débat

10h30-11h00 : coffee break / pause café

11h00-12h30 : Plenary Conference or Tutorial / Conférence ou Tutoriel

Chair: Kamel SMAILI (LORIA/INRIA - Université de Lorraine/Nancy 2, France)

Title: "A Tour of Gradual Patterns: Definitions and Computational Challenges".

Guest speaker : Anne LAURENT, (LIRMM - Université Montpellier 2, France)

Discussion / Débat

12h30-13h00 : Closing Ceremony / Cérémonie de Clôture

- Gifts to guest speakers and session chairs / Remise de Cadeaux aux Conférenciers invités et Présidents de session
- « Best papers » of the conference / Meilleurs papiers de la conférence
- New proposal for the 6th. Edition of SIIE / Nouvelle proposition de la 6ème. édition de SIIE.

13h00 : Lunch / Déjeuner

14h30 : Extra activities / Extra activités

- Excursion (guided tour in Djerba island, Guellala museum and park of crocodiles).