
Monday 14/02**14h30 : **** Opening Ceremony ******

by the President of "Université d'Artois", Prof.
Jacques SYS

14h45 - 16h15 : Software Engineering ---- Chair :

Robert Godin

14h45 : Lessons Learned in Applying FCA to Reverse Engineering

Gabriela Arevalo, Stephane Ducasse, Oscar Nierstrasz
(Switzerland)

15h15 : Conceptual Analysis of Relational Structures in Software.

Richard Cole and Peter Becker (Australia)

15h45 : Content-based Restructuring of HELP Systems using Formal Concept Analysis.

Bastian Wormuth, Peter Eklund (Australia)

16h15 - 16h45 : Break

16h45 - 18h45 : Information Retrieval ---- Chair :

Peter Eklund

16h45 : Using A Query-Base Multicontext for Knowledge Base Browsing

Julien Tane (Germany)

17h15 : The Analysis of Batch Information Retrieval Tasks with Concept Lattices

Francisco J. Valverde-Albacete (Spain)

17h45 : Using Intermediate Representation Systems to Interact with Concept Lattices.

Peter Becker (Australia)

18h15 : CAWN: Concept Analysis as a Formal Method for Web-Menu Design.

GQ Zhang, Gongqin Shen, Josh Staiger, Adam Troy,
Jiayang Sun (Asia)

18h45 : ** Welcome Reception at "IUT de Lens" ******

Tuesday, 15/02

09h00-10h00 : Invited talk ----- Chair : **Bernhard Ganter**

09h00 : **Milestones in the History of Galois Connections and Formal Concept Analysis**
Marcel Ern  (Germany)

10h00-10h30 : Implications 1 --- Chair : **Petko Valtchev**

10h00 : **Closure systems and implications.**
Roman K nig (Germany)

10h30-11h : Break

11h00-12h30 : Implications / Generators 2 --- Chair : **Henri Soldano**

11h00 : **Characterization and Armstrong relations for Degenerated Multivalued Dependencies using Formal Concept Analysis.**
Jaume Baixeries and Jos  Luis Balc zar (Spain)

11h30 : **Formal Concept Analysis Constrained by Attribute-dependency Formulas.**
Radim Belohlavek, Vladimir Sklenar (Czech Republic)

12h00 : **On the evolution of the minimal generator family of a formal context upon changes in its attribute set.**
K. Nehm , P. Valtchev, M. Rouane Hacene, R. Godin (Canada)

12h30 - 14h00 : Lunch

14h00–15h30 : Theory --- Chair : **Marcel Ern **

14h00 : **Bialgebraic contexts for distributive lattices - revisited.**

Juerg Schmid (Switzerland)

14h30 : **Which concept lattices are pseudocomplemented?**

L onard Kwuida, Bernhard Ganter (Germany)

15h00 : **Planarity of lattices**

Christian Zschalig (Germany)

15h30 – 16h00 : Break

16h00–18h00 : Variations and Extensions 1 ---- Chair :
Juerg Schmid

16h00 : **Coherence Networks of Concept Lattices: The Basic Theorem.**

S. D rfflein, Rudolf Wille (Germany)

16h30 : **Triadic Concept Graphs and Their Conceptual Contents.**

Lars Schoolmann (Germany)

17h00 : **Alpha Galois Lattices: an overview**

V ronique Ventos, Henry Soldano (France)

17h30 : **On Intractability of Computing the Duquenne–Guigues Basis.**

Sergey O Kuznetsov (Russia)

Wednesday, 16/02

09h00–10h00 : Invited talk ----- Chair : **Engelbert Mephu Nguifo**

09h00 : **Towards Generic Pattern Mining**

Mohammed Zaki (USA)

10h00-10h30 : Semantics 1 ---- Chair : **Marzena Kryszkiewicz**

10h00 : **Multi-dimensional organisation of knowledge based on concept lattices**

Laszlo Szathmary and Amedeo Napoli (France)

10h30 - 11h : Break

11h00-12h30 : Semantics 2 ---- Chair : **Amedeo Napoli**

11h00 : **Combining Spatial and Lattice-based Information Landscapes**

Jon Ducrou and Peter Eklund (Australia)

11h30 : **Conceptual Exploration of Semantic Mirrors**

Uta Priss, L. John Old (UK)

12h00 : **Concept Hierarchies from a Logical Point of View**

Rainer Osswald (Germany)

12h30-14h : Lunch

14h00-16h00 : Algorithms 1 ----- Chair : **Mohammed Zaki**

14h00 : **Efficiently computing a linear extension of the sub-hierarchy of a concept lattice.**

A. Berry, M. Huchard, R. McConnell, A. Sigayret and J. Spinrad (France)

14h30 : **A generic algorithm for generating closed sets of a binary relation**

Alain Gély (France)

15h00 : **Algorithm of construction of formal concept lattice and determination of minimal generators.**

S. Ben Tekaya, S. Ben Yahia and Y. Slimani (Tunisia)

15h30 : **Uncovering and Reducing Hidden Combinatorics in Guigues-Duquenne Covers.**

A. Gély, R. Medina, L. Nourine, Y. Renaud (France)

16h - 23h30 : * Excursion and Conference Banquet *****

LENS --> VIMY → ARRAS --> LENS

Thursday 17/02

09h00-10h00 : *Invited talk* ----- Chair : **Rudolf Wille**

09h00 : **Algorithmic Aspects FCA**
Lhouari Nourine (France)

10h00-10h30 : *Algorithms 2* ----- Chair : **Sergei Kuznetsov**

10h00 : **A divide-and-conquer algorithm for parallel lattice construction**
J.F.D. Kengue, P. Valtchev, C. Tayou (Cameroon, Canada)

10h30 - 11h : Break

11h00-12h30 : *Variations and Extensions 2* ----- Chair :
Sandor Radelezcki

11h00 : **A Finite State Model for On-Line Analytical Processing in Triadic Contexts.**
Gerd Stumme (Germany)

11h30 : **Complete Subalgebras of Semiconcept Algebras and Protoconcept Algebras.**
Börn Vormbrock (Germany)

12h00 : **Protoconcept Graphs: Conceptual Content and Implications**
Joachim Hereth-Correia, Julia Klinger (Germany)

12h30 - 14h : Lunch

14h-15h30 : Variations and Applications ----- Chair :

Karl Erich Wolff

14h00 : **Crisply Generated Fuzzy Concepts**

Radim Belohlavek, Vladimir Sklenar, Jiri Zaczal (Czech Republic)

14h30 : **An application of FCA to the analysis of aeronautical incidents**

Nicolas Maille, Irving Statler, Laurent Chaudron (France)

15h00 : **Iterative Diagram Improvement Using Natural Spring Length Based on Conceptual Similarity**

Tim Hannan, Alex Pogel, Wesley Varela, Arturo Mayorga, Lance Miller, Jonathan Newton (USA)

15h30-16h : Break

16h-17h30 : Demonstration Session ---- Chairs : **S. Ben Yahia, P. Valtchev and C. Tayou**

17h45-20h : ** Reception at City Hall, by Mayor of LENS ******

Friday 18/02

09h00-10h00 : Invited talk ----- Chair : **Gerd Stumme**

09h00 : **Concise representations of rules**

Marzena Kryszkiewicz (Poland)

10h00-10h30 : Variations and Extensions 3 ----- Chair : **Radim Belohlavek**

10h00 : **Turing Machine Representation in Temporal Concept Analysis**

Karl Erich Wolff, Wendsomde Yameogo (Germany)

10h30 - 11h : Break

11h00-12h30 : *Semantics 2* ---- Chair : **Uta Priss**

11h00 : **Explaining the Structure of FrameNet with Concept Lattices**

Francisco J. Valverde-Albacete (Spain)

11h30 : **Automatic Selection of Phrases as Document Descriptors in a Information Retrieval FCA Based System**

Juan M. Cigarrán, Anselmo Peñas, Julio Gonzalo, Felisa Verdejo (Spain)

12h00 : **Towards a Formal Concept Analysis Approach to the Exploration of Communities on the World Wide Web**

Jayson Rome, Robert M. Haralick (USA)

12h30-12h50 : **Community meeting - Next Year ICFCA 2006**

12h50 - 13h : Closing remarks

13h - 15h : Lunch

15h30 - 18h : ** Guided tour of the highest slag heaps in Europe called 11/19 (about 186 metres high) ******

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