Présentation des doctorants en 1ère année

Presentation of :
Christophe RIGAUD

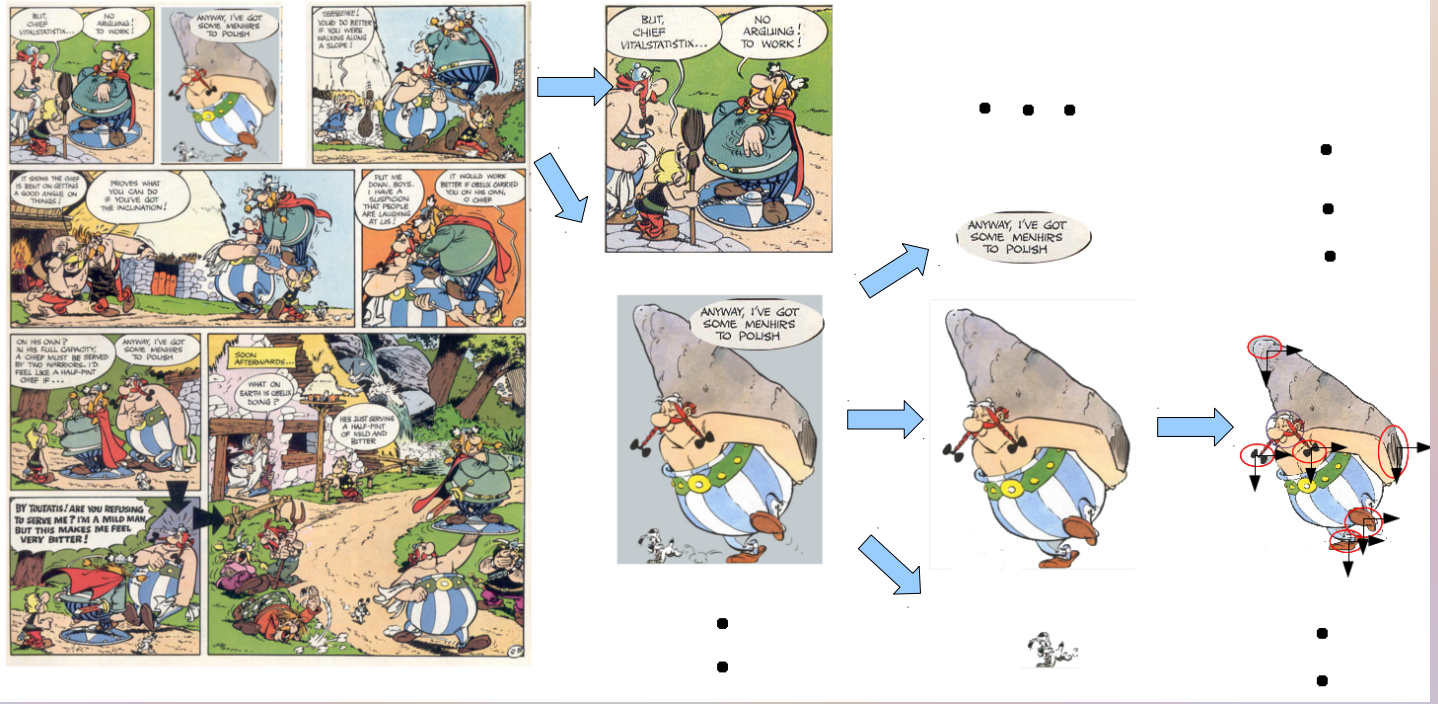
Building: Pascal *Office: 121bis* *Website: www.christophe-rigaud.com*

Curriculum / Cursus

- ***Master of Research (Dynamic System and Signals)***
  - *2010-2011| LISA | Angers FR*
    - *Project: state of the art of image interpretation by topologic and photometric a priori informations*
- ***Engineer of Computer Science and Automation***
  - *2008-2011 | ISTIA | Angers FR*
    - *Project: image matching method based on mapping, object recognition and machine learning (SURF)*
- ***Three-year degree in automatism and network system***
  - *2007 – 2008 | IUT Salon de Provence | Marseille FR*

Research topic / Sujet de recherche

- *Interactive segmentation and indexation of graphical objects*



- *New possibility of reading and data mining for comics*

Skills / Compétences

- **Programming:** Python, C++, Java, C#
- **Web programming:** PHP, .NET, HTML5, Flex
- **Image processing:** Matlab, ImageJ, OpenCV, VTK

- **Hobbies:** travel, web design, ecology minded, billiard, biking, badminton and tennis

Presentation of :

Rouaa WANNOUS

Building: Pascal Office: 121 Phone: 06 77 19 79 87
Email: rouaa.wannous@univ-lr.fr

Curriculum

- 2010-2011: Master in AIW in Grenoble, France
  - Explaining Argumentation over Alignment Agreements
- 2007-2010: Programmer and Assistant Teacher at HIAST and SVU, Damascus, Syria
  - developing a web site for ASST
  - analysing and modelling SR project
- 2006-2007: Diploma in HRM in Damascus, Syria
  - programmer at NVS, Damascus, Syria
- 2001-2006: Bachelor degree in Informatics in Damascus, Syria

Ontological approach to use trajectories

- *Study trajectories :*
  - *the spatial, temporal, thematic properties*
- *Approach from raw level to semantic level*
- *Implement a solution to :*
  - *Analyse seals trajectories*
  - *Answer complex queries*
  - *...*

My Skills

- Computer skills
  - PL: C/C++, Java, VB.net
  - IWP: XML, JQuery, ASP.NET, BPMN
  - CMS: Drupal, DotNetNuke
- Additional information
  - languages: Arabic – English
  - hoppies: horse riding- paragliding- biking- climbing

Presentation of :

Guillaume CHIRON

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Email: guillaume.chiron@univ-lr.fr

Curriculum / Cursus

- **2010 : *Master ICONE Artificial Intelligence & Multimedia***
  (La Rochelle FR & Hanoi VN)

  Project : Content based image retrieval using multi-agent system driven by attraction/repulsion rules.

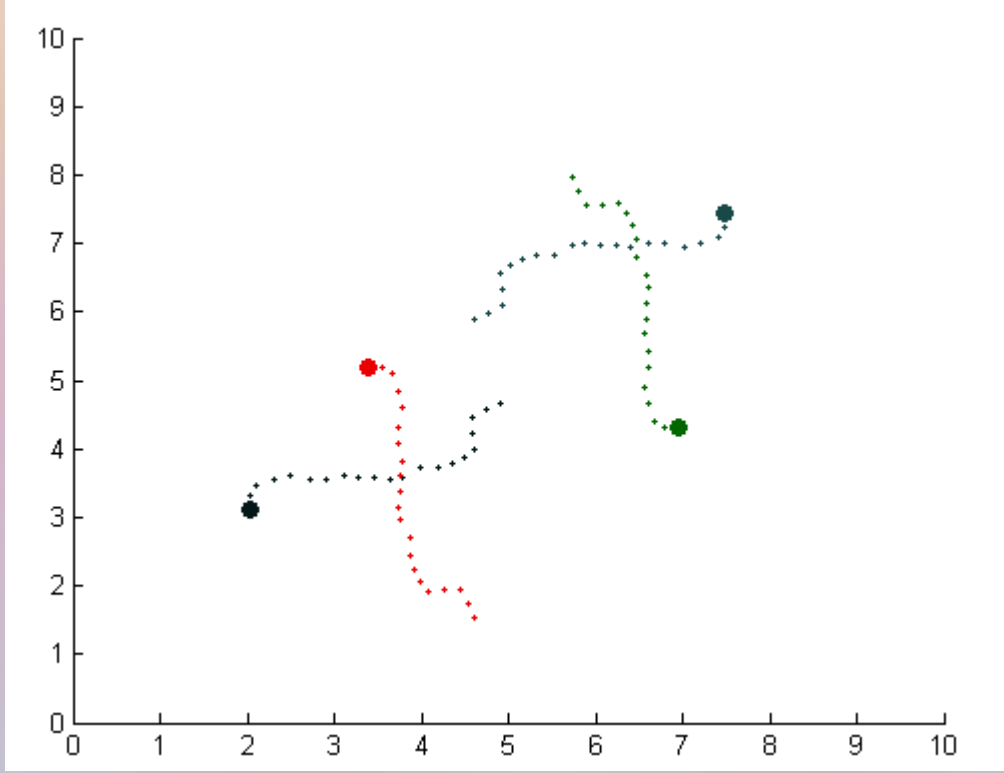
- **2008 : BSc *Computer Science***
  (Middlesbrough UK)

  Project : Realtime multi-user teaching system on the cloud.

- **2007 : DUT *Informatique***
  (La Rochelle FR)

Research topic / Sujet de recherche

COMPUTER VISION *: Muli-target multi-hypothese tracking*



Skills / Compétences

- **Programming :** C, C++, C#, Java (android sdk/ndk)
- **Web programming:** HTML5, Php + Javascript
- **Image processing:** Matlab, OpenCV

- **Hobbies:** travel, climbing, biking.

Presentation of :

Quang Anh BUI

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Email: quang_anh.bui@univ-lr.fr

Curriculum / Cursus

- **2010 : *Master ICONE Artificial Intelligence & Multimedia***
  (La Rochelle, FR & Hanoi, VN)

  Project : Writer identification for manuscrits handwritten recognition.

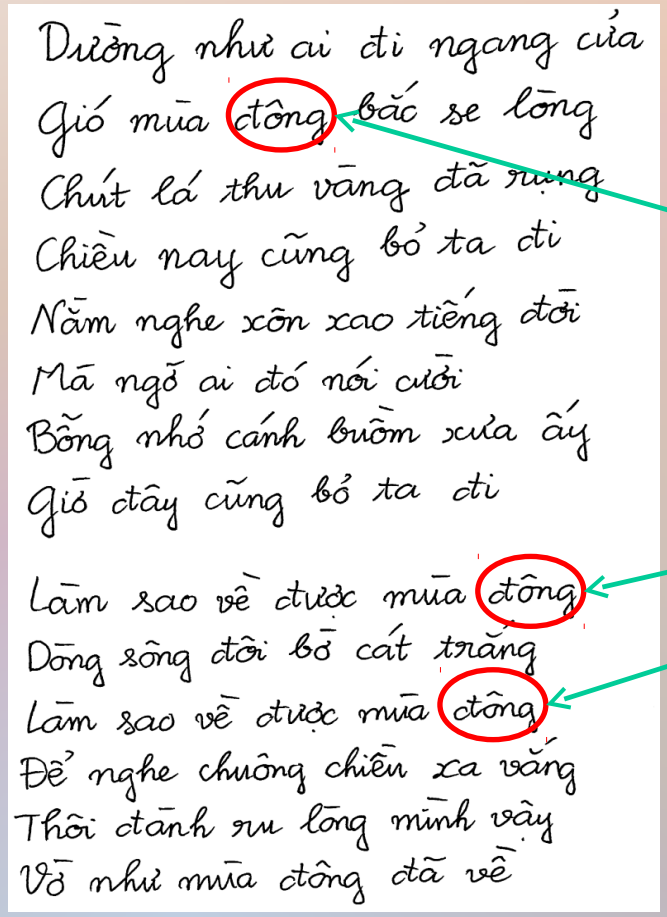
- **2009 : Master 1 *Informatics***
  (IFI, Hanoi, VN)

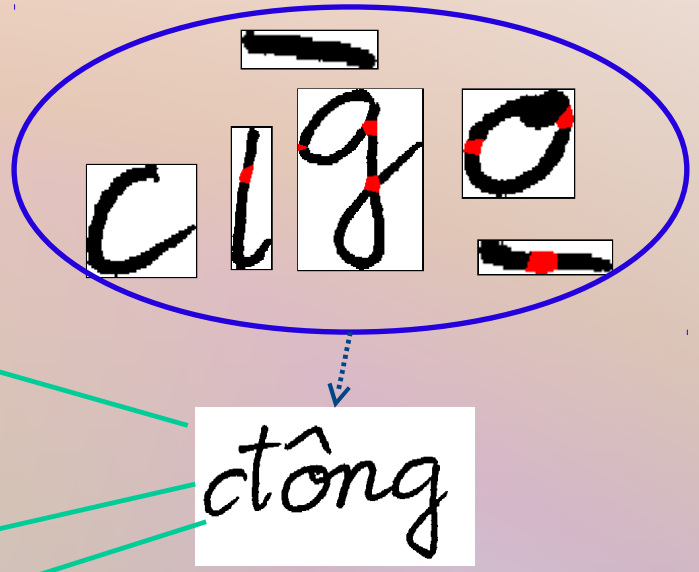
  Project : Retrieval feedback based on images and regions.

- **2007 : Licence *Informatics***
  (Vietnam National University, Hanoi, VN)

Research topic / Sujet de recherche

DOCUMENT RETRIEVAL *: "An omni-language generic system for navigating in ancient document databases using word retrieval based on query composition"*





Skills / Compétences

- **Programming :** C++, C#, Visual Basic, Java
- **Database systems**: MySQL, SQL Server, Oracle
- **Programming library:** OpenCV

- **Hobbies:** computer games, ping-pong, swimming.

Presentation of :
Romain Bertrand

Pascal 121Bis
romain.bertrand@etudiant.univ-lr.fr romain.bertrand13.free.fr

Curriculum / Cursus

- Institute of Technology (Software Engineering)
- Bachelor's degree (Computer Sciences)
- Master's degree (Digital Content Engineering)

- Doctoral thesis

- Movie restoration (scratch correction), 2009
- Navigation in Galois Lattice (optimization, multi-thread), 2010

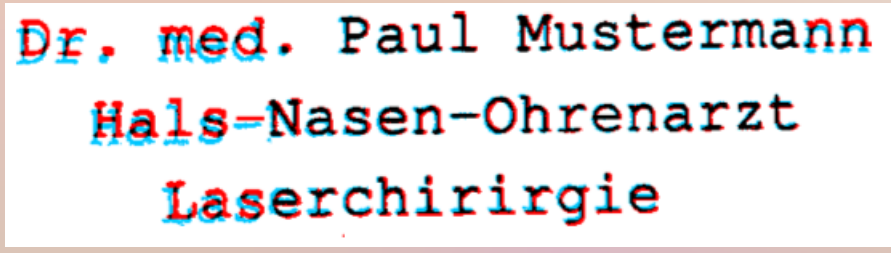
- A system to evaluate rhythmic patterns' complexity, 2011

Skills / Compétences

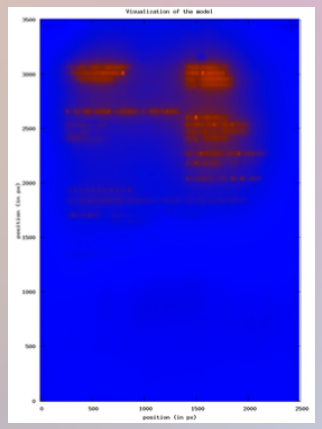
- *Development (C/C++, Java)*
- *Analysis & conception (UML 2.0)*
- *Image processing*
  - *Network, database...*
  - *WEB technologies*
  - *...*

Research topic / Sujet de recherche

- *Authenticate original document using image copy*
  - *Detect forgeries*
  - *Confirm validity*
  - *Check content*



- *Text / image*
  - *OCR*
  - *Handwriting analysis*
  - *Image processing*
  - *….*



Presentation of :

Van Toi NGUYEN

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Email: van_toi.nguyen@univ-lr.fr

Curriculum / Cursus

- **2005 : *Master Computer Science***
  (Faculty of Information Technology - Thai Nguyen University - Vietnam)

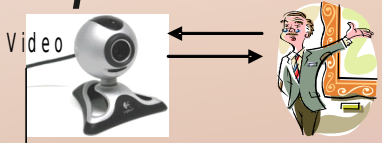
  Project : Some methods for image segmentation.

- **2001 : BSc *Informatics***
  (Hanoi National University of Education, VietNam)

  Project : Train geometry by using CABRI

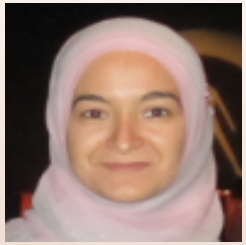
Research topic / Sujet de recherche

Visual interpretation of Hand gesture for human-machine interaction



Skills / Compétences

- **Programming :** C, C++
- **Image processing:** OpenCV
- **Hobbies:** sports, travel, reading, music



Presentation of :

Maroua MEHRI

Building: Pascal *Office: 123*
Email: maroua.mehri@gmail.com

Curriculum / Cursus

- ***2011*** *- Master's Degree Rennes 1 University: Research, in signal/image processing*

  - Master's Degree ENISo: Research, in signals and communicating systems

  → *M. Mehri,et al. Analysis of electrodes' placement and deformation in deep brain stimulation from medical images, SPIE Medical Imaging 2012*

- ***2010*** *- Fixed-term contract*
- ***2009*** *- Engineer ENISo, speciality: Applied Computer Science*

Research topic / Sujet de recherche

- *November 2011 - PhD student on the Extraction of metadata related to "image" and "structure" contained in old documents.*
- *My supervisor is Mr. Rémy MULLOT, Mr. Pierre HEROUX and Ms. Petra KRAEMER.*
- *The thesis is funded by DIGIDOC-ANR*
- *Goal: Proposing a set of metadata characterizing the physical structure of pages in terms of homogeneous areas and topological relationships*

Skills / Compétences

- ***Languages:*** *Matlab, C, C++, Python, R*
- ***Tools:*** *MRIcron, SPM, ANTS, TeXnicCenter*
- ***Libraries:*** *Qt, WxWidgets, VTK, VISTAL*
- ***Environments:*** *Microsoft Visual Studio, Dev-C++, Eclipse, PyDev, R-Commander,FactoMineR, Code::Blocks, Qt Designer, Wxformbuilder*
- ***Hobbies:*** *Travel, walking, new technologies*

Presentation of :
Dounia AWAD

PASCAL Building , Office 31
Email:dounia.awad@univ-lr.fr

Curriculum / Cursus

- *Master 1 speciality : Management information system(MIS), Lebanese university*
- *Master 2 speciality :bio-informatics and modeling Lebanese university.*
- *Second year Ph.D. student, L3I laboratory , la Rochelle university.*

Research topic / Sujet de recherche

- *Ph.D. thesis: “ Design of visual attention system to analyze the behavior in interactive activities context” , led by Arnaud Revel, Vincent Courboulay*
- *goal:aims to recognize objects in images and videos based on a previous work developed by M. Pereira Da Silva at the laboratory.*
- ...

Skills / Compétences

- Programming language:
  - JAVA, HTML, SQL, UML, C++, C, PERL, IDI2005.net, PHP, XML, PLSQL, XSLT, LISP, LINQ, ASP.NET MVC .
- Applications :
  - SQL Server, Oracle, Rational Rose, SPSS, Matlab.

La Rochelle UNIVERSITÉ

Presentation of :

Phuong Le Viet

Building: Pascal *Office: ?* *Phone: ?*
Email: ?