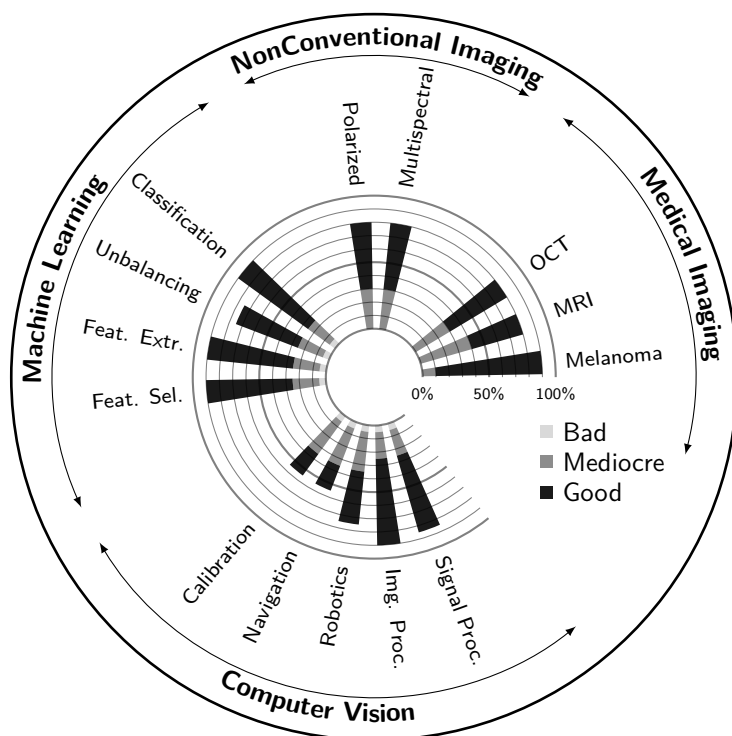




# Mojdeh Rastgo

Le2i - Laboratoire Électronique, Informatique et Image

## Domaine de recherche



## Education

### Recherche

2016 - 2018 **Post-doctorat**, Université de Bourgogne, Le2i, Le Creusot(France).

Titre *Polarimetric Vision Applied to Robotics Navigation*

### Études

2012 - 2016 **Thèse doctorat en cotutelle**, Universitat de Girona, Girona (Spain), Université de Bourgogne, Le Creusot (France).

Supervisors Dr. Franck Marzani, Dr. Rafael Garcia, Dr. Olivier Morel

Titre *An Approach to Melanoma Classification Exploiting Polarization Information*

Description Developing a classification framework for automatic detection of melanoma lesions while exploiting polarization properties beyond cross-polarized dermoscopes. Using our new polarized dermoscope it was our interest to find new features for classification of melanoma and new techniques for screening of this pigmented lesion.

Soutenue 13 juin 2016

86 Rue Maréchal Foch, 2nd floor – 71200 Le Creusot - France

☎ +33(0)78101688 • ✉ [mojdeh.rastgoo@gmail.com](mailto:mojdeh.rastgoo@gmail.com) • Université de Bourgogne

Mention Très honorable

2009 - 2011 **Erasmus Mundus Master in Vision and Robotics (ViBOT)**, *Heriot -Watt University, Edinburgh (Scotland); Univeristat de Girona, Girona (Spain); Université de Bourgogne, Le Creusot (France).*

- **2:1 Class Hounor (Mention Bien)**

- Thèse de master (Universitat de Girona):

Title *Change Detection in Epiluminescent Microscopy for Early Detection of Skin Cancer*

Supervisor Dr. Rafael Garcia

Description Implementing a new computer aided system in order to detect changes, segment and characterize epiluminescent microscopy images

2005 - 2009 **licence d'électronique et d'électrotechnique**, *University Teknologi PETRONAS, Ipoh (Malaysia).*

- **1<sup>st</sup> Class Hounor, CGPA: 3.64/4.00**

École d'été

July 2014 **Medical Imaging Summer School (MISS)**, *Favignana, Italy.*

Bourse d'étude

2009-2011 **Erasmus Mundus Master Scholarship.**

European master in Vision and Robotics

2005- 2009 **PETRONAS Bachelor scholarship.**

Licence d'électronique et d'électrotechnique

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## Expérience

2016-2017 **Vacation et enseignement**, *Image Processing, Digital Signal Processing, Computer Aided Design I*, Université de Bourgogne - Le Creusot - (France), Master anglais.

2012-2014 **Vacation et enseignement**, *Imagerie médicale*, Universitat de Girona - Girona - (Spain).

2011-2012 **Emploi intérimaire**, *Data mining and classification*, Barcelona Digital - Barcelona (Spain).

- Developing a method for continous learning and pruning the classifiers.

2010 **Emploi intérimaire**, *Astronomical image analysis, segmentation and localization of astronomical objects.*, Universitat de Girona - Girona (Spain).

2007 **Emploi intérimaire**, *Oil and Gas platform designers*, Ranhill Worley Parsons Sdn Bhd - Kuala Lumpur (Malaysia).

- Power and electrical department.

- Designing lightning protections systems for structures.

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## Habileté informatique

OS Linux/Unix, Windows, DOS

Programmation C/C++, Python, Java, VHDL, Assembly

Environement Emacs, QT, VisualStudio.NET, Dev C++, Scientifique Matlab, Maple, OpenCV, ITK  
Eclipse

Typographie L<sup>A</sup>T<sub>E</sub>X, Microsoft Office, Open Office