



ISSART Ambre

Malmont 46100 Planiolles

Tel. : +33(0)633236699

ambreissart@yahoo.fr

19 septembre 1993

Permis B

PhD student in physico-chemistry of polymers.

WORK EXPERIENCE

FORMATION

2013 – 2016 | Ecole Nationale Supérieure de Chimie, Biologie et Physique (ENSCBP). Bordeaux (33), France.

Specialisation in polymers and formulation engineering.

2011 – 2013 | Université Paul Sabatier. Toulouse (31), France.

Intensive courses to prepare national polytechnics contest (concours DEUG).

Rank : 26/189.

2011 | High school diploma (distinction: Good). Figeac (46), France.

SKILLS

Languages

English: fluent (TOEIC: 900; Cambridge Certificate CAE); Spanish: basic level.

IT

Excellent mastery of Microsoft Office packs. HSPiP, EndNote, ChemSketch, Matlab, Reaxsys, MacOS.

HOBBIES

Sport

Gymnastics (competition for 10 years and judge diploma). Running (several half marathon, trail).

Travels

European countries, Martinique/ Guadeloupe, Senegal, Morocco, Tanzania, Dominican Republic, Cuba, Haïti, New Zealand, USA.

Community life

Member of « Ayti Bel » association for Haïti development since 2010.

2016 – 2019 (36 months) | PhD student at IPREM. Pau (64), France.

Supervisor: J.Szpunar (joanna.szpunar@univ-pau.fr); A.Allal (ahmed.allal@univ-pau.fr).

Development of innovative recyclable food packaging materials and development of characterization methods by mass spectrometric. (*Active packaging, polyolefins, extrusion, natural antioxidants, mass spectrometry, migration*). <http://www.foodyplast.eu/fr/>

- ✓ International conference, publication in a scientific journal, consortium meetings, creation and organisation of the polymer department seminars, teaching, trainees' supervision, innovation contest.

2016 (6 months) | Internship in R&D at Les Laboratoires Pierre Fabre, (Laboratoire de Chimie du Solide). Vigoulet-Auzil, France.

Supervisor: V.Perier (valerie.perier@pierre-fabre.com).

Study of the Sebum's Hansen Solubility Parameters to formulate a new type of skin care product. (*Sebum, Hansen solubility parameters, fatty acids, triglycerides, polymers, GC-MS, DSC, thixotropy, formulation*).

- ✓ Theoretical model development based on Hansen parameters, formulation of a new type of product, customer, market and safety study.

2016 (3 months) | Literature review with Danone. ENSCBP, Bordeaux, France.

Supervisor: E.Grau: (etienne.grau@u-bordeaux.fr).

Industrial littérature research about plastic wates recyclability. (*Depolymerisation, pyrolysis, plastic to oil, polystyrene*).

- ✓ Bibliographic report, market study, technical answers.

2015 (5 months) | Internship in R&D at Uroxsys LTD. Auckland, New-Zealand.

Supervisor: R.Devendra (ransi@uroxsys.co.nz).

Formulation of a colored polyurethane moisture cured paint for the marine market. (*Polyurethane, moisture-cured, crosslinked polymer, coatings, varnish*).

- ✓ Product development from R&D to scale up and commercialisation, adaptation to a new environment

2014-2015 (6 months) | Research, Development and Innovation project at CRPP and ENSCBP.

Bordeaux, France. Supervisor: W.Neri (neri@crpp-bordeaux.cnrs.fr).

Developement of an alginate based fiber reinforced with carbon nanotubes. (*Management, carbons nanotubes, alginate*).

- ✓ Team responsible, deadlines, innovative product development, partnership researches.

2014 (1 month) | Internship at CIMV. Labège, France.

Supervisor: M.Delmas (m.delmas@cimv.fr).

Characterizations of phenolic resins. (*Lignine, biomasse, GPC, titrations, phenolic resins*).

- ✓ Discovery of the applied research world.