

Paul Robineau

Profile

<https://www.linkedin.com/in/paulrobineau/>

French PhD Student at University of Technology of Troyes.

My PhD project is focused on developing a method for quantum dots micropatterning in order to study dynamics of cell adhesion and the integrins' contribution to that phenomena in particular.

Previous Work Experiences

March 2019
—
August 2019

Research & Development Internship

CEA-Liten, Grenoble

Laboratory for Hydrogen Technologies

Experimental study of reversible solid oxide cells (rSOC) to construct a performance cartography

- Experimental campaign investigating polarization curves depending on temperature, gas flux, gas composition
- Development of automated data processing through MATLAB

March 2017
—
August 2017

Research & Development Internship

CEA-Liten-INES, Bourget-du-Lac

Laboratory of modules for organic photovoltaics

Development of PIN planar heterojunction perovskite solar cells

- Fabrication of solar cells by wet deposition (*spin coating*) of the successive layers on glass or plastic substrate
- Measurement of electrical performances and physical properties of the devices in order to optimize materials selection and fabrication process

Education

Since
September
2017

Master ONT : Optics and Nanotechnology

UTT – University of Technology of Troyes

Experimental work: contribution on development of optical nano-bio-captors of pesticides

March 2015
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June 2015

Semester of Studies Abroad

UTSEUS – Sino-European School of Technology of Shanghai University

Chinese language courses and introduction to Chinese culture; research study within intercultural relations framework

Since
September
2013

MTE Engineer: Materials, Technology and Economy

- EME Specialization: Economy of Materials and Environment
- Entrepreneurship Minor: Legal Profile

UTT – University of Technology of Troyes

Project example : numerical analysis and representation of structural colours phenomena linked to diffraction gratings; complementary approaches of geometrical and wave optics



Informations

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2 rue Valtat, 10 000 TROYES

06 26 50 29 88

Driving licence

Computer skills

MacOS et Windows

Advanced use

Suite Office, bureautique

Advanced use

MatLAB / Octave / Igor Pro / Bashes

Basic use

Foreign Languages

English

Proficient user C2 (CEFR, 2015)

German

Basic user

Chinois

Notions

Associative Experiences

Theater – Ch'UTT de vers compagny

<https://www.facebook.com/chuttdevers/>

- 2018 : co-stage director (*Le Testament comique*)
- 2017: writer and actor (*Mauvaises Herbes*)
- 2016: actor and communication manager, then stage director (*L'Imposteur*, then *Les Révérends*)

First aid UTT

<http://www.ffssaube.fr/secutt/>

- 2016: Certified first responder PSE2
- 2015: Certified first responder PSE1