

Stage au Canada

Ecole de Technologie Supérieure (ETS)

Département Génie Mécanique

1100 rue Notre-Dame ouest

H3C 1K3, Montréal, CANADA

Academic Supervisor: A/Prof Stephane FOHANNO

Student	Laboratory	Supervisor	Period (Day/Month/Year)
Mélanie MESIERES	Département Génie Mécanique	Professeur Daniel ROUSSE	06/07/2015 - 20/11/2015

Ecole de Technologie Supérieure (ETS) Recherche industrielle en technologies de l'énergie et en efficacité énergétique (T3e)

Sujet: Analyse expérimentale de la convection naturelle dans une enceinte réelle causée par un élément de chauffage électrique mural

Titre du rapport de stage : « Organisation d'un couloir sensoriel pour des radiateurs électriques »

Internships in Italia

SAPIENZA UNIVERSITA DI ROMA

Dipartimento di Scienze di Base ed Applicate per l'Ingegneria

Via A. Scarpa n.16 – 00161 – Rome - ITALY

Academic Supervisor: A/Prof Jean Stéphane ANTONIOW

Student	Laboratory	Supervisor	Period (Day/Month/Year)
Cyril DAOUT	Scienze di Base ed Applicate per l'Ingegneria	Prof Roberto LIVOTI	02/07/2018- 09/11/2018

Title: Theoretical Study of the temperature field in a Beryllium sample heated by a positrons beam modulated in

Internships in United States of America

THE UNIVERSITY OF TEXAS AT DALLAS

NanoThermal Bioengineering Laboratory

Department of Mechanical Engineering
Erik Johnsson School of Engineering and Computer Science
800 West Campbell Rd, Mail Station EC38, Richardson, TX 75080

Academic Supervisor: A/Prof Jaona RANDRIANALISOA

Student	Laboratory	Supervisor	Period (Day/Month/Year)
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Oumar FALL	NanoThermal Bioengineering Laboratory	Prof Qin Zhenpeng	06/07/2015 – 02/11/2015
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Title: *Thermal response after gold nanoparticle heating and its effect on surrounding proteins* 2 Publications

Maud SERRE	NanoThermal Bioengineering Laboratory	Prof Qin Zhenpeng	25/07/2016 to 18/11/2016
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Title: *Numerical modelling of optical response of single and assemblies of gold nanoparticles* 3 Publications

Johan CAZALS	NanoThermal Bioengineering Laboratory	Prof Qin Zhenpeng	03/07/2017 – 20/11/2017
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Title: *Computational analysis of multiple nanoparticle heating by a laser pulse*

UNIVERSITY OF PITTSBURGH

Multiscale Thermophysics Lab, Department of Mechanical Engineering and Materials Science,

Swanson School of Engineering
636 Benedum Hall, 3700 O'Hara Street
Pittsburgh, PA 15261, USA

Academic Supervisor: A/Prof Jean-Stéphane ANTONIOW

Student	Laboratory	Supervisor	Period (Day/Month/Year)
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Baptiste MARTINET	Multiscale Thermophysics Lab	Prof Heng BAN	03/07/2018- 09/11/2018
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Title: *Design and testing of transient boiling system*

UTAH STATE UNIVERSITY
Multiscale Thermophysics Lab, Mechanical & Aerospace Engineering Department

4130 Old Main Hill
Logan, UT 84322-4130, USA

Academic Supervisor: A/Prof Jean Stéphane ANTONIOW

Student	Laboratory	Supervisor		Period (Day/Month/Year)
Maxime ALEXANDRE	Multiscale Thermophysics Lab	Prof Heng BAN	Colby Jensen (PhD)	16/07/2013- 08/11/2013
Title: <i>Design a heater for the sample stage of an Atomic Force Microscope</i>				
Gaëtan BRILL	Multiscale Thermophysics Lab	Prof Heng BAN	Dr Colby Jensen	01/07/2014- 19/11/2014
Title: <i>Numerical study of natural convection losses from isothermal open cavities</i>				1 publication
Julien GUILLOU	Multiscale Thermophysics Lab	Prof Heng BAN	Troy Munro (PhD)	06/07/2015- 13/11/2015
Title: <i>Thermal Property of epoxy composites reinforced with bio-fiber</i>				
Alexis SIMAC	Multiscale Thermophysics Lab	Prof Heng BAN	Troy Munro (PhD)	06/07/2015- 13/11/2015
Title: <i>Design of a measurement cell for thermal properties determination at low temperature – 3w method</i>				
Thomas PARMENTIER	Multiscale Thermophysics Lab	Prof Heng BAN	Zhuorui Song (PhD)	18/07/2016- 11/11/2016
Title: <i>Measurement of thermal gap conductance using the laser flash method</i>				
Julian TISON	Multiscale Thermophysics Lab	Prof Heng BAN	Troy Munro (PhD)	25/07/2016- 18/11/2016
Title: <i>Study of the boiling in a transient system</i>				

Internships in Switzerland

CERN, European Organization for Nuclear Research

CH-1211, Geneva 23, Switzerland

Academic Supervisor: A/Prof Jaona RANDRIANALISOA

Student	Laboratory	Supervisor	Period (Day/Month/Year)
Laurène PITRE	Cryolab – CERN Cryogenic Laboratory	Dr. J. Bremer	06/07/2015 – 30/10/2015

Title: *Thermal analysis of the nitrogen cooling shield for a neutrino detector*