

Between

***Chiang Mai University (CMU)***

located at 239 Huaykaew Road A. Muang, Chiang Mai 50200, Thailand  
represented by Clinical Professor Niwes Nantachit, M.D., President

and

***Université de Liège (ULiège),***

located at Place du 20-août, 7-9, 4000 Liège, Belgium  
represented by Prof. Pierre WOLPER, Rector

**A joint supervision is organized for the doctoral candidate : Ms. Kamolporn Haewsantati**

Considering the legal references for organizing university studies in both countries, i.e.:

For Chiang Mai University

- Chiang Mai University Act 2551 B.E.

For the University of Liège:

- The decree of 7<sup>th</sup> November 2013 which defines the Landscape of Higher Education and the Academic Organization of Studies (Décret définissant le Paysage de l'enseignement supérieur et l'organisation académique des études);
- General regulation related to studies and reports related to the preparation of a doctoral thesis at the University of Liège (Board of Trustees of the 2<sup>nd</sup> of July 2014)

Willing to contribute to the set up and the development of scientific cooperation between research units from Thailand and Belgium, by supporting PhD doctoral candidates' mobility.

The following provisions have been agreed to :

Article 1

Chiang Mai University

and

The University of Liège

named hereinafter "the institutions" decide to organize jointly a joint PhD Thesis for the following doctoral candidate :



NAME and First name : Ms. Kamolporn Haewsantati

Date and place of birth: 10 May 1993, in Chiang Rai, Thailand

Email/cell phone kamolporn\_h@cmu.ac.th/ (+66) 827872726

Nationality : Thailand

Research Topics : Dynamics of Jupiter's noon-side polar region

Subject of the research project : Astronomy

*Chapitre I : Administrative procedures*

Article 2

The admission to doctoral studies must follow the rules and regulations in force in both institutions, and after having received a favorable recommendation from the authorities concerned.

Article 3

The doctoral candidate must register in both institutions during the whole period of his/her studies, but will be exempted from tuition fees in University of Liège after the first year.

academic year 2019 - 2020 : pays at The University of Liège and Chiang Mai University

academic year 2020 – 2021 : pays at Chiang Mai University – ULiège waives tuition fees except administrative fees (32 euros)

academic year 2021 – 2022 : pays at Chiang Mai University – ULiège waives tuition fees except administrative fees (32 euros)

However, in order to get a PhD degree delivered by the French Community of Belgium, the doctoral candidate must pay the tuition fees for his/her first year of registration at the University of Liège.

Moreover, the doctoral candidate will pay administrative fees for the enrollment and insurance each year at the University of Liège. Therefore, he/she will benefit from the social insurance due to every regular doctoral candidate, as long as he/she is regularly registered at the partner institution.

The doctoral candidate is registered :

At the University of Liège,

for a PhD and a doctoral training (60 credits) with the Graduate College in Sciences (Sciences) from the academic year : 2019

At Chiang Mai University

for a PhD in Physics  
at the Faculty of Science  
from the academic year : 2017

Joint supervision of the PhD starts: 2019-2020 academic year



#### Article 4

The normal duration of a PhD thesis is three years. This duration can be extended after approval from both institutions.

The conduction of the research activities and the thesis will be carried out at both institutions, during alternative successive stays in both institutions, determined by both supervisors with the approval of the PhD doctoral candidate.

A provisional mobility scheme is added to this agreement (optional).

### **Chapter 2 : Scientific Terms**

#### Article 5

The research works are carried out under the responsibility of both thesis supervisors, one of them from Chiang Mai University and the other from the University of Liege.

The thesis supervisors are :

For Chiang Mai University: Wannawichian, Suwicha, Assistant Professor, suwicha.w@cmu.ac.th

For the University of Liege : Bonfond, Bertrand, Dr. Ir., FNRS-F.R.S. Research Associate, b.bonfond@uliege.be

Both supervisors commit themselves to fully exercise their duties as supervisors for the doctoral candidate in accordance to the rules and regulations in each institution.

#### Article 6

The jury of the thesis will be selected by common agreement with the persons responsible for the doctoral education in both institutions, in compliance with all legal measures and regulations applicable in both institutions.

The jury is composed of a minimum of 5 members; all of them must either be PhD holders or enjoy the recognition of their high scientific or artistic expertise in the field. The President of the jury must be an academic from one of the two partner universities. Both thesis supervisors are members of the jury but cannot chair it. The jury must include thesis supervisors and external members of the University, chosen according to their specific competence in the field of the thesis.

#### Article 7

The thesis is written in French or in English. Under proposition of the thesis supervisors, the thesis can, if its type justifies it, be written in another language, under approval of the PhD doctoral candidate and the authorities.

If the thesis is not written in French, a summary in French must be produced.

#### Article 8

The PhD thesis defense will be presented in a unique public session held at Chiang Mai University.

It may be preceded by a private defense held at Chiang Mai University.



The PhD thesis defense is performed in French or in English. Under proposition of the doctoral candidate, the jury may, after approval of the authorities involved, accept that the thesis is performed in another language.

A report of the public defense will be produced in French or in English. This report will mention that the thesis has been prepared in the framework of a joint PhD degree.

#### Article 9

The parties agree on the following regarding expenses for the thesis jury.

If the defense takes place at the University of Liege, the Faculty of Sciences of the University of Liege will pay for travel and accommodation expenses of the member(s) external to both partner institutions. The members from the partner institution will pay for travel and accommodation expenses by available funding or by themselves.

If the defense takes place at Chiang Mai University, the travel and accommodation expenses of the member(s) external to both partner institutions will be paid by available funding or by themselves. In addition, ULiege may possibly contribute to the funding for the travel and accommodation expenses of external member(s) from both partners. The Faculty of Sciences at the University of Liège will pay for travel and accommodation expenses of its members<sup>1</sup>.

#### Article 10

In compliance with the regulation in each country, after the thesis defense and under favorable approval of the jury,

- the title of Ph.D. in Physics will be awarded by Chiang Mai University
- and the title of Doctor in Sciences (Docteur en Sciences ) will be awarded by the University of Liege,

These titles will be awarded through a double degree.

The PhD diploma(s) will explicitly mention, if applicable, the grade awarded to the doctoral candidate in compliance with rules and regulations in force in each country.

### ***Chapter 3 : Specific provisions***

#### Article 11

The doctoral candidate will benefit from social security insurance, in conformity with legislation in force in each country, as long as he/she is regularly registered in the partner institution. The doctoral candidate will subscribe to a main health insurance (mutuelle). In Belgium, "mutuelle" (health insurance) includes complementary health insurance which covers illness and civil risk for the duration of the periods of time spent at the partner institution.

At the University of Liege, the doctoral candidate is covered for personal liability and physical injury upon the condition he/she is regularly registered at the University.

At Chiang Mai University, the doctoral candidate is covered for personal liability and physical injury upon the condition he/she is regularly registered at the University.

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<sup>1</sup> Except if otherwise defined in the Faculty regulation.



#### Article 12

The doctoral candidate will respect all rules concerning doctorate studies that are in force in the institutions. In particular, he/she will comply with all rules concerning the registration, description, and reproduction of the PhD thesis.

The protection of the subject of the thesis as well as the publication, the exploitation and the protection of the results of the research work of the doctoral candidate in both institutions are covered by the legislation in force in each country and institution.

The doctoral candidate commits himself/herself to respect these rules and regulations.

When required, the intellectual property rights can be detailed in specific documents.

#### Article 13

Both institutions, via the supervisors involved, commit themselves to communicate mutually all information and documentation useful to the settlement of the present joint PhD thesis.

### **Chapter 4 : Validity**

#### Article 14

The present agreement is valid from the date of signature of the representatives of both institutions and will be valid until the academic year where the thesis defense takes place.

In case where the doctoral candidate wouldn't be registered in one and/or the other institution, or would give up by a written notice, or wouldn't be allowed to pursue the research by virtue of at least one of the two supervisors, both institutions will put an end to the present agreement.

#### Article 15

The person in charge of the administrative part of the joint PhD thesis is :

For Chiang Mai University:

Ms. Suwicha Wannawichian, Department of Physics and Materials, Faculty of Science, Chiang Mai University - 239 T.Suthep, Mueng District, Chiang Mai, 50200, Thailand – Tel: +66 861054204 – Email: suwicha.w@cmu.ac.th

For the University of Liege:

Ms. Catherine Dassis, General Direction for Education and Training – International Relations Office, bât. A1, Place du 20-Août, 4000 Liège, Belgium – Tél.: + 32 4 366 56 77 – Email: cdassis@uliege.be  
Ms. Pauline Antoine, General Direction for Education and Training – International Relations Office, bât. A1, Place du 20-Août, 4000 Liège, Belgium – Tél.: + 32 4 366 41 66 – Email: pauline.antoine@uliege.be



Article 16

The present agreement is made in *three* originals.

<p>Chiang Mai, on the <u>11 September 2019</u></p> <p>For Chiang Mai University</p> <p><i>N. Nantachit</i></p> <p>On the authority of Niwes NANTACHIT, M.D., Clinical Professor President</p>	<p>Liège, on the <u>14 OCT. 2019</u></p> <p>For the University of Liege</p> <p><i>[Signature]</i></p> <p>On the authority of the Rector Mrs. Monique MARCOURT General Director for Education and Training</p> 
<p><i>[Signature]</i></p> <p>Torrarin CHAIRUANGSRI, Prof. Dean of Faculty of Science</p>	<p><i>[Signature]</i></p> <p>Pr. <u>Paule MAGAÏN</u> President of the Doctoral College</p>
<p><i>[Signature]</i></p> <p>Suwicha WANNAWICHIAN, Asst. Prof. Thesis supervisor</p>	<p><i>[Signature]</i></p> <p>Bertrand BONFOND, Dr. Ir. Thesis supervisor</p>
<p><i>Kamolporn Haewsantati</i></p> <p>The doctoral candidate : Kamolporn HAEWSANTATI</p>	