







Between

Messina University (Università degli Studi di Messina), Piazza Pugliatti 1, 98121 Messina (Italy), Here in after referred to as "UNIME" (Host Institution), represented by Prof. Salvatore Cuzzocrea, Rector,

and

University of Sfax,

Route Matar, Km1, BP169, 3029 Sfax (Tunisia) jointly referred to as "UoS" (Home institution), represented by Prof. Abdelwahed Mokni, President,

and

Ms. ZRIBI Rayhane

Herein after referred to as 'the doctoral student',

in which the aforementioned parties are jointly referred to as 'the parties',

Considering the Framework Cooperation Agreement of Culture and Scientific Cooperation between University of SFAX and University of Messina (Prot. UNIME 40515/2015);

conforming to the regulations in force in Tunisia and Italy;

the art. 4 of the Italian Law n. 210 of 03/07/1998, that provides for the Universities' autonomy in setting up PhD courses within Universities' governmental, educational and scientific autonomy, as modified by the Law n. 240 of 30/12/2010;

the Italian Ministry of Education, University and Research Regulation concerning PhD programmes, issued with D.M. n. 45 of 08/02/2013;

the University of Messina Regulation concerning Research Doctorate course issued with the Rector's Decree n. 1015/2016;

For University of SFAX (Tunisia) Tunisian Law regarding PhD course

 Vu le décret n° 2013-47 du 4 janvier 2013, fixant le cadre général du régime des études et les conditions d'obtention du diplôme national de doctorat dans le système "LMD

The following has been agreed:

Article 1 – JOINT THESIS SUPERVISION

The partner institutions hereby agree that they shall assume joint responsibility for the supervision of the doctoral student's doctoral research project, the organisation of the doctoral examination and the award of a doctoral degree.

Doctoral student's personal details:

Surname and first name: **ZRIBI Rayhane**

Official address (for correspondence): Route gremda km 0.5 (Nasria) immeuble Madina

centre bolc B 1er étage appart. N°13. Sfax 3027 (Tunisia).

Date of birth: **30/05/1994** Place of birth: **Sfax (Tunisia)**

Nationality: **Tunisian**

Registered as a PhD student in first year of doctorate in "Physics".

Article 2 – SUPERVISION OF THE DOCTORAL STUDENT

The doctoral student shall be supervised by the following thesis advisors:

At UNIME:

Name: NERI GiovanniDepartment: IngegneriaPosition: Professor

At the Université di Sfax

Name: MAALEJ RamziDepartment: PhysicsPosition: Professor

The thesis advisors undertake to fully assume their responsibilities as the doctoral student's supervisors, which includes holding consultations when required so as to be able to assess the progress being made in the research project.

At the Doctoral School of UNIME:

- The PhD student has to follow the rules as described in the Research Doctorate course issued with the Rector's Decree n. 1015/2016, with a particular focus the Art. 20 "Rights and obligations".
- The PhD student should follow the official activities of the PhD program during her staying at UNIME as provided by the coordinator of the PhD program in "Ingegneria e Chimica dei Materiali e delle Costruzioni" XXXIV Ciclo

At the Université di Sfax

• PhD program in **Physics**

Article 3 – Admission to doctoral studies – doctoral thesis subject

The doctoral student will be admitted at the first year of academic year 2018/2019 of the doctoral course in "**Ingegneria e Chimica dei Materiali e delle Costruzioni**" XXXIV Ciclo. The doctoral program lasts three years and will end on September 30th, 2021.

At Université de Sfax

The doctoral student is already registered at

- "Doctoral course in **Physics**" 1st year, academic year 2018/2019
- The doctoral program lasts three years and will **end until January 2022** (third academic year) in accordance with the duration of the Italian doctoral course.

The subject of the doctoral thesis is: **Development of 2D materials for chemical sensors.**

Article 4 – ENROLMENT AND STUDENT SERVICE FEE

The enrolment fees will be paid only at **Université de Sfax** and the student will be exempted from the payment of fees at the UNI Messina.

<u>Article 5</u> – AWARD OF THE DEGREE

If the doctoral student has passed the joint doctoral examination successfully, she shall be separately awarded a joint degree by the partner institutions conferring the following degrees:

- Doctor in Physics (Université de Sfax)
- Dottore di ricerca in: Ingegneria e Chimica dei Materiali e delle Costruzioni (UNIME)

<u>Article 6</u> – INSURANCE COVER

The two institution will guarantee Insurance coverage according to the institutional rules and the Italian legislation in force

In Italy, in addition to that, the doctoral student takes all necessary steps in order to arrange health insurance, insurance cover against physical injuries and third party liability whilst performing his or her duties within the framework of the doctoral research project at the two partner institutions, in accordance with the national and institutional rules and regulations in force.

<u>Article 7</u> – Research at partner institution

The doctoral student shall spend the following alternate or consecutive research periods at both partner institutions. The period of the joint research activities will be organized as follow:

Institution	From	То
UNIME	15/04/2019	15/11/2020
UNI SFAX (HOME Institution)	16/11/2020	31/01/2022

Article 8 – THESIS DEFENCE COMMITTEE

The only Examination Board shall be comprised of six members (professors in the same scientific area) including the two thesis advisors that don't evaluate the candidate.

According to the new Italian rules, before the final examination, the thesis will be evaluated by two reviewers that are professors that don't participate in the final evaluation.

The two institutions, by means of the Deans, exchange any piece of information and all documents relevant to the organization of the joint sponsorship described in the present agreement.

Article 9 – DOCTORAL THESIS DEFENCE (PUBLIC DISCUSSION)

The public defence of the doctoral thesis shall take place in Sfax following the deadline provided by the partners law.

The partners agree that the deadline for the final examination is until May 2022 according to the Italian law that doesn't provide an extention of the legal duration of the doctoral course.

The two institutions have to consider that the student has to publish a scientific publication to be admitted at the final examination according to the Tunisian regulation. The student will have to submit her scientific publication in due time to allow the final examination until May 2022."

Article 10 – LANGUAGE

The doctoral thesis shall be written in English.

An abstract of the doctoral thesis shall be supplied in **English and Italian**.

<u>Article 11</u> – INTELLECTUAL PROPERTY RIGHTS

Intellectual property ownership will be based on the principle of inventor owns in accordance with the respective policies of each of the partner institutions.

Therefore, the protection of the research results arising from the doctoral research project, as well as any matter related to filing them, making them accessible, their publication and exploitation shall be discussed and agreed by the partner institutions and be in accordance with the national and institutional regulations in force.

Article 12 - COMMENCEMENT AND VALIDITY OF THE AGREEMENT

The present agreement shall take as and from the date of its execution by the authorised representative of each contracting Institution and expires at the end of final examination procedure according to the Italian law.

 $\underline{\text{Article } 13}$ — VALIDITY OF THE AGREEMENT AND SETTLEMENTS OF DISPUTES The stipulations of this agreement may not conflict with the provisions of the regulations at the UNIME, host institution.





Drawn up in in six original copies, date:	
For Université de Sfax (stamp and signature)	
President	
- Prof.	Abdelwahed Mokni
The Professors	
Thesis Advisor	
- Prof.	Ramzi Maalej
PhD Programme Coordinator	
- Prof.	Mohamed Hbaieb
The Doctoral Student	
The Doctoral Student	
	Ms. Rayhane Zribi





Drawn up in in six original copies, date	2:	-	
For Università degli Studi di Messina	(stamp and signature)		
Rector			
Prof. Salvatore Cuzzocrea			
The Professors			
Thesis Advisor		0	
Prof.	Giovanni Neri	Jiosam	Wen
PhD Programme Coordinator		0	
Prof.	Giovanni Neri	Viosami	Cler