

Estratto del verbale della riunione telematica del Collegio dei Docenti del Dottorato di Ricerca in

**“INGEGNERIA E CHIMICA DEI MATERIALI E DELLE COSTRUZIONI”**

Seduta del 23 novembre 2016

Il giorno 23 novembre 2016 su convocazione telematica del Coordinatore, prof. Signorino Galvagno, si è riunito il Collegio dei Docenti del Dottorato di Ricerca in “Ingegneria e Chimica dei Materiali e delle Costruzioni” per discutere e deliberare sul seguente ordine del giorno:

**1) Pratiche dottorandi Sinchem**

Il Coordinatore invita il Collegio ad esprimersi entro il 24 novembre 2016

Università degli Studi di Messina	
I.N.T.E.C.I.C. - Dipartimento di Ingegneria	
Pr. n.	76430 - INTERV
Del.	28.11.2016
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**1) Pratiche dottorandi Sinchem**

Il Prof. Signorino Galvagno informa il Collegio dei Docenti che il dottorando Chen Shiming (XXXI Ciclo), beneficiario di borsa di studio SINCHEM, svolge un programma di cotutela sotto la supervisione della prof.ssa Perathoner presso l'Università di Messina (Home partner), nell'ambito della tematica di ricerca “Development of carbon based catalysts for small molecules activation” in accordo con quanto previsto nel Doctoral Candidate Agreement sottoscritto il 20/01/2016 tra il Coordinatore Sinchem (Prof.ssa S. Perathoner) e il dottorando Chen Shiming.

Si rende adesso necessario formalizzare l'accordo di cotutela a favore del dott. Chen Shiming mediante sottoscrizione di un Agreement of Joint Thesis Supervision tra l'Università di Messina (Home partner) e la RWTH Aachen University (Germania) (Host partner). Il Prof. Signorino Galvagno chiede pertanto al Collegio dei Docenti di approvare la proposta di Agreement che viene allegata alla convocazione telematica.

I seguenti componenti del Collegio hanno espresso per via telematica parere favorevole alla proposta del Coordinatore del Dottorato: Abate Salvatore, Ampelli Claudio, Arena Francesco, Borsellino Chiara, Brusca Sebastian, Calabrese Luigi, Cannistraro Giuseppe, Cavallaro Stefano, Centi Gabriele, Crupi Vincenzo, De Caro Salvatore, Epasto Gabriella, Espro Claudia, Falsone Giovanni, Galvagno Antonio, Galvagno Signorino, Garesci Francesca, Lanzafame Paola, Milone Candida, Montanini Roberto, Muscolino Giuseppe, Neri Giovanni, Perathoner Siglinda, Piperopoulos Elpida, Pistone Alessandro, Primerano Patrizia, Recupero Antonino, Risitano Giacomo, Santoro Roberta, Sili Andrea, Testa Antonio, Visco Anna Maria.

Non hanno inviato risposta i prof.: Bonaccorsi Lucio, Ricciardi Giuseppe.

Il Collegio dei Docenti, esaminata la documentazione rilevante, approva a maggioranza di attivare le procedure relative alla formalizzazione della cotutela tramite sottoscrizione dell'accordo di **cotutela** (Agreement of Joint Thesis Supervision) tra l'Università di Messina (Home partner) e la RWTH Aachen University (Germania) (Host partner) a favore del dottorando **Chen Shiming** (XXXI Ciclo).

OMISSIS

Il presente verbale è letto, approvato e sottoscritto seduta stante

Il Segretario  
(dott. Alessandro Pistone)

Il Presidente  
(prof. Signorino Galvagno)



## Agreement of joint thesis supervision

between

**Messina University**

and

**RWTH Aachen University**

### Between

Messina University (Università degli Studi di Messina), Piazza Pugliatti 1, 98121 Messina (Italy),  
hereinafter referred to as "UNIME",  
represented by Prof. Pietro Navarra, Rector,

and

RWTH Aachen University, Templergraben 55, 52062 Aachen (Germany),  
hereinafter referred to as "RWTH"  
represented by Prof. Dr.-Ing. Ernst Schmachtenberg, Rector,

jointly referred to as the '*the partner institutions*'

and

Chen Shiming,  
hereinafter referred to as 'the doctoral student',

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

Having regard to the Agreement between the Conferenza dei Rettori delle Università Italiane (CRUI) and the Hochschulrektorenkonferenz (HRK)

- conforming to the regulations in force in Germany 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;
- the Promotionsordnung der Fakultät für Mathematik, Informatik und Naturwissenschaften vom 27.09.2010, in der Fassung der 1. Ordnung zur Änderung der Promotionsordnung vom 05.02.2013;

and in due observance of the readiness on the part of Prof.ssa Siglinda Perathoner (UNIME) and Prof. Dr. Walter Leitner (RWTH) to assume supervision of the joint thesis sponsorship as thesis advisors;

**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: Chen, Shiming

Official address (for correspondence): Contrada Di Dio, Residence Papardo, MESSINA, ME 98158, Italia

Date of birth: 24 December 1989

Place of birth: Liaoning, China

Nationality: Chinese

### Article 2 – SUPERVISION OF THE DOCTORAL STUDENT

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

- At UNIME:
  - Name: Prof.ssa Siglinda Perathoner
  - Faculty or Department: Dipartimento di Ingegneria Elettronica, Chimica ed Ingegneria Industriale
  - Position: Professor
- At the RWTH:
  - Name: Prof. Dr. Walter Leitner
  - Faculty or Department: Institut für Technische Chemie und Makromolekulare Chemie
  - Position: Full professor

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

### Article 3 – ADMISSION TO DOCTORAL STUDIES – DOCTORAL THESIS SUBJECT

The doctoral student has been admitted to the doctoral program by both partner institutions:

- At UNIME:
  - admission to the doctoral program in Ingegneria e Chimica dei Materiali e delle Costruzioni - (Chemistry and Engineering of Materials and Constructions) Cycle 31<sup>st</sup> - Second Academic year
  - The program lasts three years.
  - On the following date: October 1<sup>st</sup>, 2015 up to September 30<sup>th</sup>, 2018
  - The thesis must be finished until the end of the doctorate course scheduled for November 2018.
- At the RWTH: admission to the doctoral program "Center for Doctoral Studies" for at least one semester

The subject of the doctoral thesis is:

Development of carbon based catalysts for small molecule activation

#### Article 4 – ENROLMENT AND STUDENT SERVICE FEE

At UNIME, the student will be enrolled the PhD Program in Ingegneria e Chimica dei Materiali e delle Costruzioni Cycle n° 31<sup>st</sup> Second Academic year. The enrolment fees will be paid only at UNIME. This enrolment fees include the student service fees of UNIME. The doctoral student is required to (re-)register as a doctoral student at the RWTH for each semester, during which he is pursuing his doctoral studies mainly at RWTH, and to pay the fixed student service fee (Sozialbeitrag) including public transport in and around Aachen. This compulsory fee is not a tuition fee.

#### Article 5 – AWARD OF THE DEGREE

If the doctoral student has passed the joint doctoral examination successfully, he shall be simultaneously and separately awarded a joint degree by the partner institutions conferring the following degrees which are given alternate, but not cumulated.

- Doktor/Doktorin der Naturwissenschaften (Dr. rer. nat.)
- Dottore di ricerca in Ingegneria e Chimica dei Materiali e delle Costruzioni

#### Article 6 – INSURANCE COVER

UNIME will guarantee Insurance coverage according to the institutional rules and the Italian legislation in force.

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 and according to the provisions of EACEA.

#### Article 7 – RESEARCH AT PARTNER INSTITUTION

The doctoral student shall spend the following alternate or consecutive research periods at both partner institutions.

At UNIME: 12 months;

At RWTH: 9 months

Starting date of this agreement: 2<sup>nd</sup> January 2017

#### Article 8 – FINANCIAL PROVISIONS

Any contribution towards the costs related to periods of research spent at the partner institution, attendance of national and international conferences, the organisation of the doctoral defense, and other costs specific to the doctoral program shall be discussed and determined in mutual agreement between the thesis advisors from each of the partner institutions.

#### Article 9 – THESIS DEFENSE COMMITTEE

The thesis defense committee set up for the evaluation (doctoral thesis and the defense of the thesis) shall be composed by mutual consent between the partner institutions, in accordance with the regulations in force at the institutions following the recommendations of the two Deans (or equivalents). The Examination Board shall consist of a minimum of three members from each institution. The Commission shall comprise maximum eight members including the thesis advisors.

Furthermore it consists of:

- At least 50 % of professors or equivalent
- same number of persons from both institutions according to the national law
- the president of the jury/committee must be a professor or equivalent

RWTH: The Dean names at least two reviewers for the evaluation of the thesis, one of them being the German thesis advisor. In addition, an oral examination is carried out on the subject of the thesis and other fields studied during the preparation of the thesis.

UNIME: 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 at 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 10 – DOCTORAL THESIS DEFENSE

The public defense of the doctoral thesis shall take place at one of the partner institutions (in principle this is the home institution) but is recognised by all institutions involved. In the present case the public defense will take place at UNIME not later than March 2019.

#### Article 11 – LANGUAGE

DOCTORAL THESIS:

The doctoral thesis shall be written in English.

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

DEFENSE:

The defense of the doctoral thesis is to take place in English.

The grades for thesis and defense will be assigned in compliance with the rules in force both at UNIME and RWTH.

#### Article 12 – 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 13 – COMMENCEMENT AND VALIDITY OF THE AGREEMENT

The present agreement shall take effect on 02.01.2017 and expires 01.04.2019 at the latest.

In the event the doctoral student has failed to defend his doctoral thesis before this date, the agreement may be extended by common consent.

#### Article 14 – VALIDITY OF THE AGREEMENT AND SETTLEMENTS OF DISPUTES

The stipulations of this agreement may not conflict with the provisions of the regulations at the RWTH, nor with the supplementary faculty regulations regarding the conferring of doctoral degree at the RWTH faculty where the doctoral project takes shape. The stipulations of this agreement may not conflict with the provisions of the regulations at UNIME.

Drawn up in Aachen in four original copies, date of last signature: \_\_\_\_\_

**For the RWTH Aachen University,**

**For the University of Messina**

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Univ.-Prof. Dr.-Ing. E. Schmachtenberg  
Rector RWTH Aachen University

\_\_\_\_\_  
Prof. Pietro Navarra  
Rector

\_\_\_\_\_  
Univ.-Prof. Dr. Stefan Schael  
Dean

\_\_\_\_\_  
Prof. Signorino Galvagno  
PhD Programme Coordinator

\_\_\_\_\_  
Univ.-Prof. Dr. Walter Leitner  
Thesis Advisor

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Prof. Dr. Siglinda Perathoner  
Thesis Advisor

\_\_\_\_\_  
Chen Shiming  
The doctoral student