



南京工业大学
NANJING TECH
UNIVERSITY



Instituto Confucio
Universidad Zaragoza
西班牙萨拉戈萨孔子学院

Confucius Institute University of Zaragoza (CIUZ) **Joint Research Center** **(JRC)**

**Presentation for Study Visit – Harmony
project - Rafael de Miguel**

01 总体概况 Overview

2017年6月建院，合作院校为南京工业大学与萨拉戈萨大学。建院三年来，萨大孔院实现了可持续发展，2020年注册缴费学员达1432人次，开设汉语语言课程及音乐文化鉴赏课等计30门。

Inaugurated in June 2017 with the partnership of Nanjing Tech University and University of Zaragoza, CNIZ has been realizing rapid and sustainable development with the total number of registered students up to 1432 and 30 different types of Chinese language and professional-level Chinese music and culture appreciation courses in 2020.

致力于建设以科技创新和中国民族音乐为特色的孔子学院，策划了15项中西国际教育与科研合作与活动。

Committing to the establishment of research innovation and traditional Chinese music as its own characteristics, CNIZ has called and contributed to the signing of 15 Sino-Spain collaborative projects/agreements for training and research.

提质增效，创立孔院品牌。

教学及文化活动负责人，教师培训与考核、教学质量评估、图书馆、在线课程。

Improving education

- Head teacher & coordination
- Teacher training
- Library
- Cloud education: moocle, and in particular in Covid-19 pandemic
- Test level
- Assessment of learning progressions

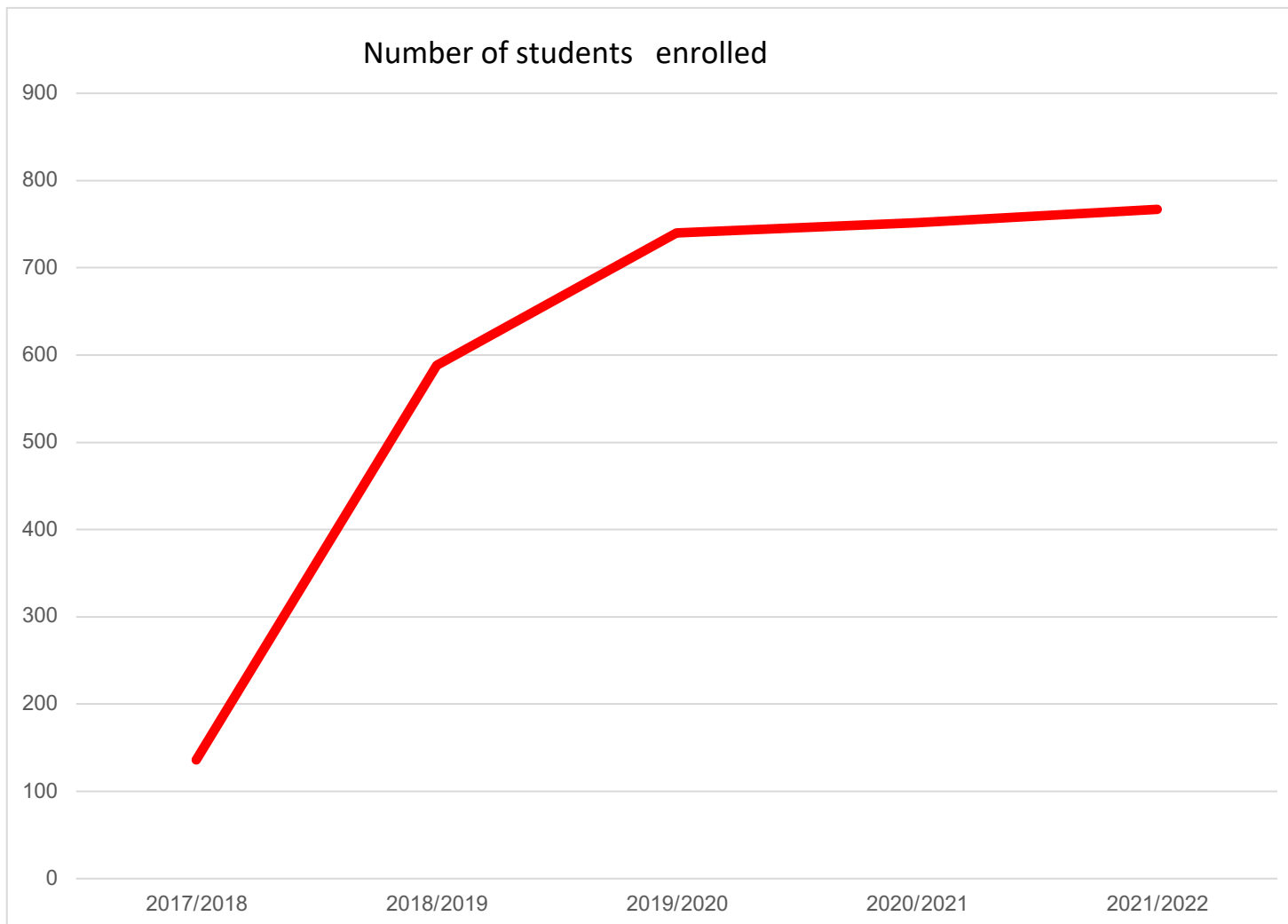




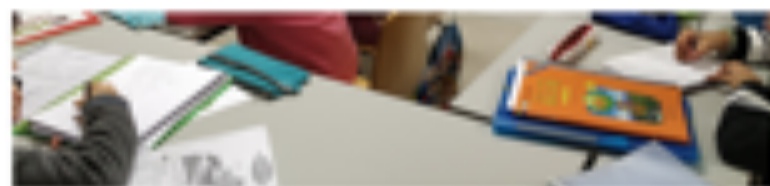
Desde el Instituto Confucio de la
Universidad de Zaragoza os
deseamos un Feliz Año Nuevo chino



Number of students enrolled



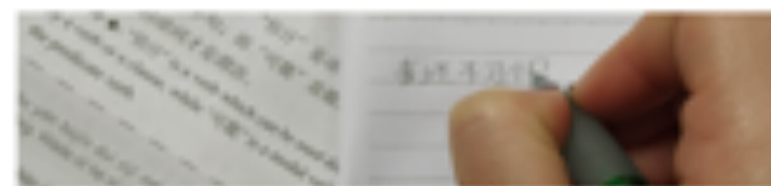
**Cursos para niños
(Primaria). Ver más**



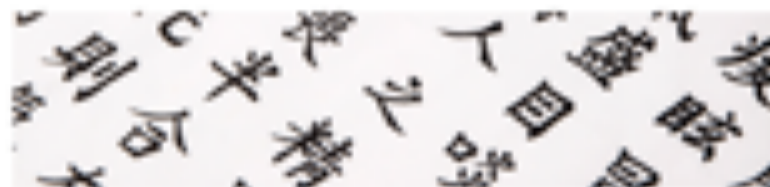
**Cursos para adolescentes
(YCT). Ver más**



**Cursos para adultos
(Iniciación y HSK). Ver más**



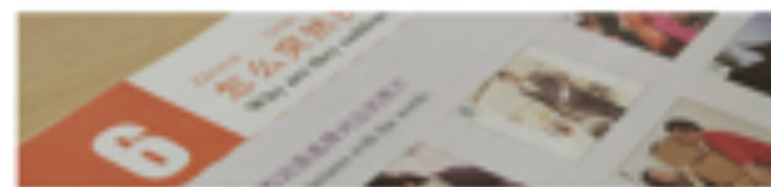
**Cursos de conversación y
escritura. Ver más**



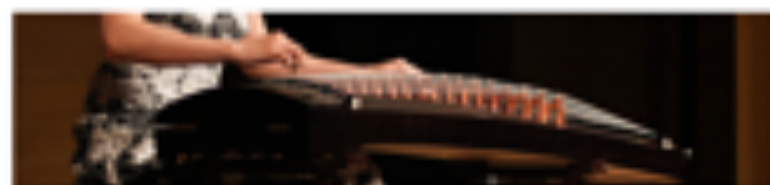
**Cursos de chino comercial
(BCT). Ver más**



**Intensivos (Exámenes y
verano). Ver más**



**Curso de apreciación de la
cultura musical china. Ver
más**



**Curso combinado de
Ajedrez y Xiangqi (Ajedrez
chino). Ver más**



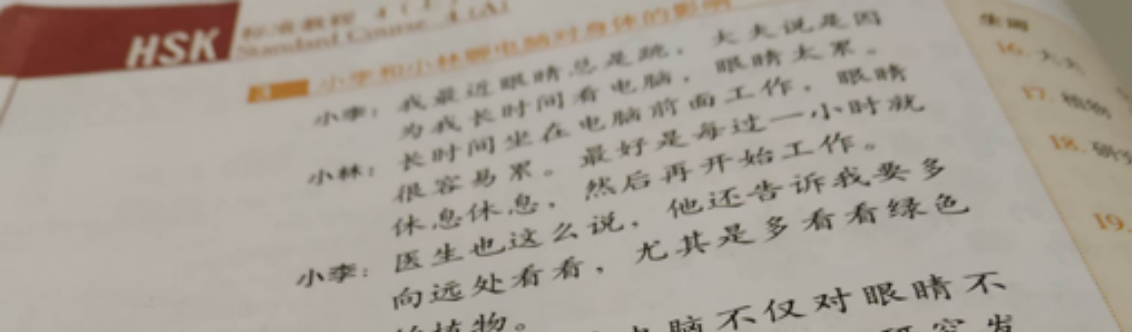
<<<YCT



HSK

ONE CI: 4 VENUES. ZARAGOZA, PAMPLONA, HUESCA, BRITISH SCHOOL





Exámenes oficiales

HSK

HSK (Chinese Language Proficiency Tests). Ver más

El HSK es el examen oficial escrito de lengua china estandarizado a nivel internacional para personas no nativas

YCT

Youth Chinese Test

中小学生汉语考试

BCT

Vocational and Business Chinese Test

职业与商务汉语考试



YCT

Youth Chinese Test

中小学生汉语考试

Exámenes oficiales

HSK

HSK (Chinese Language Proficiency Tests). Ver más

El HSK es el examen oficial escrito de lengua china estandarizado a nivel internacional para personas no nativas.





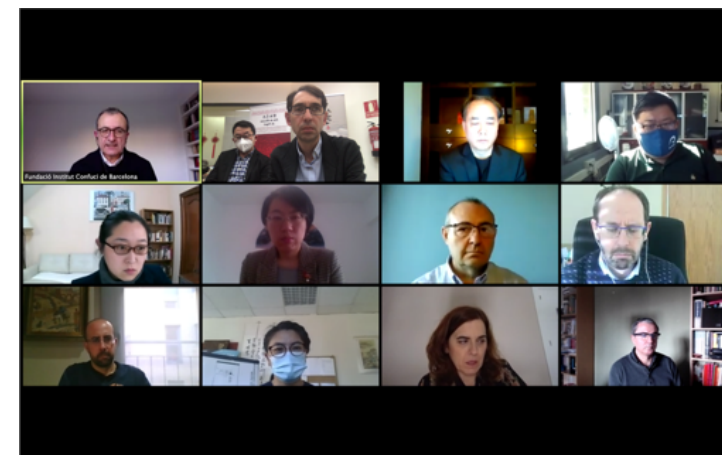
南京工业大学
NANJING TECH
UNIVERSITY



Instituto Confucio
Universidad Zaragoza
西班牙萨拉戈萨孔子学院

Teacher training activities 2021

- Spanish CI Directors workshop
- Meeting Chinese Embassy
- United Nations Chinese language Day
- International seminar for CI Directors
- Logistics and BCT workshop





南京工業大學
NANJING TECH
UNIVERSITY



Instituto Confucio
Universidad Zaragoza
西班牙萨拉戈萨孔子学院

Many cultural activities and institutional representation

Renewal partnership ZEUMAT

Spring Festival/Chinese New Year 2021 (Zaragoza)

Presentation book Ke Yang

Mid-Autum Festival

Chinese Bridge, national phase 2021 (online)

Chinese Bridge, Wushu College

Chinese Bridge,

Christmas celebration

Cultural diversity Award







Feliz Año Nuevo Chino 4719,
Año del Buey
Prosperidad y fortaleza,
新年快乐

Rafael de Miguel y Yuwen Cui
Directores



Instituto Confucio
Universidad Zaragoza
西班牙萨拉戈萨孔子学院

02 教育与文化活动 Activities



汉语桥西班牙决赛

Chinese Bridge

承办了第十八届“汉语桥”世界大学生中文比赛暨第十二届“汉语桥”世界中学生中文比赛西班牙赛区决赛，萨大孔院学生获得西班牙赛区中学生组冠军，并赴华参加总决赛。

CIUZ hosted the 2019 national finals of the Chinese Bridge in Spain, and it's registered student won the championship, who represented Spain to participate in the global final in Zhengzhou, China in 2019.



阿拉贡大区主席 Javier Lambán
前任驻西班牙大使 吕凡 (Fan Lv)



Pamplona Teaching Site

潘普罗那教学点春节晚会，纳瓦拉省副省长Manu Ayerdi祝词

The vice president of Navarra province, Manu Ayerdi.



Huesca Teaching Site
The mayor of Huesca, Luis Felipe and the provincial director of Education, Olga Alastruey.

维斯卡教学点成立，省教育厅厅长和市长揭幕

西班牙公立学校汉语教育

Chinese in Spanish education

萨大孔院牵头，与中国驻西班牙大使馆、各大区教育厅及西班牙各孔子学院一道，努力推动中文进入西班牙公立学校第二外语教育体系。



Together with the Chinese Embassy, Education Departments of the regional governments and other CIs, CIUZ is devoting to promoting the entry of Chinese into the second foreign language education system of Spanish public schools.

中西关系研究基金会

Foundation Council China-Spain



Initiative to establish Foundation Council China-Spain.



南京工業大學
NANJING TECH
UNIVERSITY

JOINT RESEARCH CENTER



Instituto Confucio
Universidad Zaragoza
西班牙萨拉戈萨孔子学院



JOINT RESEARCH CENTER



NanJing Tech University

Region: Eastern Asia

Country/Region: China

Found Year: 1902

Address:

Website:

301-400

Academic Ranking of World Universities



Global Ranking of Academic Subjects

All Subjects All subjects

Subject	Rank
Chemistry	51-75
Mechanical Engineering	201-300
Instruments Science & Technology	101-150
Civil Engineering	101-150
Chemical Engineering	22
Materials Science & Engineering	51-75
Nanoscience & Nanotechnology	39
Energy Science & Engineering	76-100

Best Ranked Subjects

Subject	Rank
Chemical Engineering	22
Nanoscience & Nanotechnology	39
Chemistry	51-75
Materials Science & Engineering	51-75
Energy Science & Engineering	76-100
Instruments Science & Technology	101-150
Civil Engineering	101-150
Biotechnology	151-200



University of Zaragoza

Region: Southern Europe

Country/Region: Spain

Found Year: 1542

Address: Pedro Cerbuna, 12

Website: <http://www.unizar.es>

Introduction

The University of Zaragoza is a public institution of research and higher education in the service of

Academic Ranking of World Universities

501-600

Academic Ranking of World Universities



Global Ranking of Academic Subjects

All Subjects All subjects

Subject	Rank
Mathematics	301-400
Chemistry	201-300
Earth Sciences	301-400
Electrical & Electronic Engineering	301-400
Automation & Control	76-100
Biomedical Engineering	201-300
Chemical Engineering	301-400
Nanoscience & Nanotechnology	301-400

Best Ranked Subjects

Subject	Rank
Food Science & Technology	51-75
Automation & Control	76-100
Veterinary Sciences	76-100
Chemistry	201-300
Biomedical Engineering	201-300
Mathematics	301-400
Earth Sciences	301-400
Electrical & Electronic Engineering	301-400



• Home / China / Innovation

China ranks 1st in 4 major areas of scientific research

By ZHANG ZHIBAO | CHINA DAILY | Updated: 2020-11-14 07:56



Xi's
Moments
学习时代



中国科学院科技战略咨询研究院
Institutes of Science and Development, Chinese Academy of Sciences

Clarivate™
科睿唯安™

2020

Research Fronts: Active Fields, Leading Countries

Institutes of Science and Development,
Chinese Academy of Sciences

Clarivate

JOINT RESEARCH CENTER



学科领域：纳米材料、化学工程、环境工程、电气工程、工业设计和产品开发工程、工业工程技术、机电工程、食品工程





JOINT RESEARCH CENTER



I Forum, 2018: biomedical

II Forum, 2019: biomedical, nanoscience/nanotechnology,
materials, chemistry/chemical engineering

III Forum, 2021: nanotechnology, materials

IV Forum, 2023: new energy, circular economy

Dual PhD Program

Masters in Nanomat and BioTech



04 创新与交流 Innovation & Exchange

国际学术会议 — 中西科技创新论坛

Sino-Spain Research and Innovation Forum

阿拉贡大区府科技发展基金会 (ARAID)、萨拉戈萨大学和南京工业大学发起组织的国际科技论坛。

As promoted by the Aragonese Foundation for Research & Development of Aragon Government (ARAID), University of Zaragoza and Nanjing Tech University, the Sino-Spain Research and Innovation Forum aims to gather main shareholders promoting initiatives and fastening bilateral collaboration between Spain and China.



第二届论坛于2019年10月在南京工业大学举行
27-29 October, 2019, Nanjing, China



第一届论坛于2018年6月在西班牙萨拉戈萨市成功举办

7 June, 2018, Zaragoza, Spain

2nd SINO-SPAIN RESEARCH AND INNOVATION FORUM

27-29 October, 2019, Nanjing, China

Conference President:

Xu Qiao,
José Antonio Mayoral
Teresa Gálvez Jaques

Nanoscience &
Nanotechnology

Biomedical &
pharmaceutical

Chemistry &
Chemical
Engineering

Materials

SINO SPANISH RESEARCH AND INNOVATION FORUM

Materials and Nano Technology

3rd Edition

29th November - 09:00 - 14:00

Organized by:

Nanjing Tech University, China

Promoted by:

University of Zaragoza, Spain
Aragones Foundation for Research & Development, Spain



南京工业大学
NANJING TECH
UNIVERSITY



Universidad
Zaragoza



Instituto Confucio
Universidad Zaragoza
孔子学院



zeumat

Promote



Universidad
Zaragoza



南京工业大学
NANJING TECH
UNIVERSITY

Co-organize



Universidad
Zaragoza
Instituto Confucio de Zaragoza
西班牙萨拉戈萨孔子学院



zeumat



会议日程安排

Scientific Programs

中国-西班牙科技创新论坛 (2019 年 10 月 27 日-29 日) 2nd Sino-Spain Research and Innovation Forum	
时间 Time	签到和注册 REGISTRATION
08:00-08:20	大会合影 GROUP PHOTO
08:20-08:30	大会开幕式 (主持人: 牛生杰副校长) OPENING CEREMONY (Shengjie Niu, the vice President of Nanjing Tech University)
08:30-09:00	领导致辞 SPEECH 1) 乔加 南京工业大学校长 Xu Qiao, the President of Nanjing Tech University 2) José Antonio Mayoral 萨拉戈萨大学校长, the Rector of University of Zaragoza
09:00-12:00	大会报告 PLENARY SESSION 主持人: 郭明, Maria Blanca Ros Chair: Kai Guo, Maria Blanca Ros
	领域 Field 报告人 Speakers
	化学、化工 Chemistry and Chemical Engineering José Antonio Mayoral (9:00-9:25) From catalysis to sustainable chemistry and biorefinery 郭宗平 Zhongping Shao (9:25-9:50) Design of perovskite oxides for energy and environment applications
	材料与纳米科学 Materials and Nanoscience 王建强 Jianqiang Wang (9:50-10:15) Perovskite LEDs: High Efficiency and High Brightness
	茶歇 Break 10:15 - 10:45
	材料与纳米科学 Materials and Nanoscience Luis Alberto Angurel (10:45-11:10) Materials for energy applications and laser technologies in the development of new materials properties
	生物医学及医药 Biotechnology and Pharmaceutical Engineering 郑维文 Weiwen Zheng (11:10-11:35) The challenges and opportunities of orphan drug R&D in China Carlos Martín (11:35-12:00) MTBVAC, a new tuberculosis vaccine moving to efficacy clinical trials
	午餐 Lunch 12:00-12:30
	分论坛报告 INVITED SESSION
	1A) 材料科学 Materials Science and Engineering 主持人: Maria Blanca Ros, 崔子文 Chair: Javier Campo, Yuxen Cui 1) Maria Blanca Ros Functional organic materials: from molecules to applications 2) 顾忠伟 Zhongwei Gu Biospired Peptide Dendrimeric Nanomedicine 3) Javier Campo Neutron Scattering Experiments in the Multifunctional Molecular Magnet (ND ₂) ₂ FeCl ₂ O 4) 赵相玉 Xiangyu Zhao Halide-based materials and chemistries for rechargeable batteries

3rd Sino-Spanish Research and Innovation Forum

Programs

Date: 29 November, 2021

Format: Hybrid

Time (CET)	OPENING CEREMONY Chair: Weihong Xing Leader Speech 1) Xu Qiao, the President of Nanjing Tech University 2) Enrique Navarro, General Director of Research and Innovation of Aragon Government 3) Yangwei Zhao, Director, Department of Science and Technology of Jiangsu Province 4) José Antonio Mayoral, the Rector of University of Zaragoza	
09:00-09:45	PLENARY SESSION Chairs (Weihong Xing, Rosa Bolea) Field Speakers	
	Materials & Nanotechnology	Plenary N1, Wanqin Jin (Nanjing Tech) 09:45-10:15 Ultra-short Membranes with sub-nanosecond channels for molecular separations: fundamental insights and engineering applications Plenary Z1, Luis Angurel (Unizar) 10:15-10:45 Application of ultra-short pulse lasers in material processing from cultural heritage to high technological materials Plenary Z2 Emilio Juárez (Araid) 10:45-11:15 Prospects of chemical and operational stability for perovskite solar cells Plenary N2, Su Chen (Nanjing Tech) 11:15-11:45 Innovative Multifunctional Micro-Nanoscale Fiber Construction Approach and Its Application
	ROUNDTABLE MEETING Cooperation and Exchange Roundtable meeting 09:45-11:45 Moderator: Shengjie Niu, Rafael de Miguel Topics 1) R&D joint platform 2) EU Erasmus project 3) Joint research projects 4) Researcher and student exchange 5) Joint education Participants: Vice rector and vice president for international relation, leaders of international cooperation and R&D divisions, leaders of associated schools and faculties, Journal representatives.	
	11:45-12:00 OPENING CEREMONY Chair: Rosa Bolea 1) Weihong Xing, Vice president, Nanjing Tech University 2) Teresa Galvez Jaques, Director of Araid 3) Rosa Bolea, Vice rector in research, University of Zaragoza	
12:00-12:15	COFFEE BREAK	
12:15-14:15 (15+5mins) Teach	NANOMATERIALS FORUM Chairs (Jun Wang, Maria Pilar Pina) 1) Xiao Huang (12:15-12:35) Nanostructured gas sensing materials for breath analysis 2) Alodia Orera (12:35-12:55) Solid oxides for energy storage/generation 3) Lin Wang (12:55-13:15) Opto-electronic properties of two-dimensional ultrathin perovskites 4) Maria Moros (13:15-13:35), Synthesis & functionalization of magnetic nanoparticles for biomedical applications 5) Wufang Shi (13:35-13:55), Organic phosphorescent nanomaterials for bio-applications 6) María José Martínez-Pérez, (13:55-14:15), Quantum magnetism	
	BIOMATERIALS FORUM Chairs (Xiaojuan Ji, Pierpaolo Bruscolini) 1) Fengzuo Xin (12:15-12:35) Application of Synthetic Microbial Consortium in Biorefinery 2) Joaquín Sanz Ramón (12:35-12:55) The research line in Computational Genomics and Systems Bio-medicine at BFI 3) Lujing Ren (12:55-13:15) Enhancement of microbial cell factory and development of nutritional chemicals 4) Nerea Nave Huerta (13:15-13:35) Severe alteration of the efficiency and dynamics of the Apoptosis Inducing Factor upon mutation of a key residue 5) Yichen Zhu (13:35-13:55), Molecular drug delivery system based on peptide-drug conjugates 6) Javier García Nafria (13:55-14:15) Structural studies on G-protein-coupled receptors 7) Jacobo Ayensa (14:15-14:35) Biomaterials (Bio)	

学术论文 Joint Articles

1. **Yuanyu Gu**, ... **Yuwen Cui***, Shin-ichi Ohkoshi*, **Angel Millan*** and Abelardo Martinez, Efficient Brownian oscillators and nanoheaters based on Gallium-doped ϵ -Fe₂O₃, Chemical Communications, 57 (2021) 2285–2288.
2. **Yuanyu Gu**, ... **Yuwen Cui**, Shin-ichi Ohkoshi and **Angel Millan***, Magnetic hyperthermia with ϵ -Fe₂O₃ nanoparticles, RSC Advances, 10(2020), 28786–28797.
3. **Wei Ji**, ... **José A. Mayoral**, **Su Jing***, Cuprous cluster as effective single-molecule metallaphoto catalyst in white light-driven CAH arylation, Journal of Catalysis 378 (2019) 270–276
4. **Wei Shao**, **Yuwen Cui***, Chungen Zhou, Diffusion Paths of Silicide Coatings on Nb-Si-Based Alloys During Pack Cementation Process, Metallurgical and Materials Transactions A, 50 (2019) 2945–2955.

ChemComm

COMMUNICATION

Efficient Brownian oscillators and nanoheaters based on gallium-doped ϵ -Fe₂O₃

Yuanyu Gu[†], Yuwen Cui^{*}, Shin-ichi Ohkoshi[†], Angel Millan^{*} and Abelardo Martinez[†]

[†]Shanghai Institute of Chemistry, Chinese Academy of Sciences, Shanghai 201418, P. R. China

RSC Advances

PAPER

Magnetic hyperthermia with ϵ -Fe₂O₃ nanoparticles

Yuanyu Gu[†], Yuwen Cui^{*}, Shin-ichi Ohkoshi[†], Angel Millan^{*} and Abelardo Martinez[†]

[†]Shanghai Institute of Chemistry, Chinese Academy of Sciences, Shanghai 201418, P. R. China

Journal of Catalysis

Cuprous cluster as effective single-molecule metallaphotocatalyst in white light-driven C–H arylation

Wei Ji[†], José A. Mayoral[†], Su Jing^{*}, Chungen Zhou[†], and Abelardo Martinez[†]

[†]Shanghai Institute of Chemistry, Chinese Academy of Sciences, Shanghai 201418, P. R. China

Horizon 2020

Call: H2020-SC5-2018-2019-2020

(Greening the economy in line with the Sustainable Development
Goals (SDGs))

Topic: SC5-13-2018-2019

Type of action: RIA

Proposal number: SEP-210500193

Proposal acronym: NATURCHANGE

Deadline Id: H2020-SC5-2018-2



**Horizon 2020
European Union Funding
for Research & Innovation**

a) Strengthening EU-China collaboration (2018)

This topic is part of the EU-China flagship initiative on Environment and Sustainable Urbanisation which aims at promoting substantial coordinated and balanced research and innovation cooperation between the EU and China.

China-based participants have the possibility to apply for funding under the Chinese co-funding mechanism and other Chinese sources⁸⁵.



国家建设高水平大学公派研究生项目攻读博士学位研究生选派办法(2012年)

发布日期: 2011-11-21 信息来源: 人气: 190981

第一章 总则

第一条 为贯彻落实《人才规划纲要》、《教育规划纲要》，做好国家建设高水平大学公派研究生项目攻读博士学位研究生的选派工作，制定本办法。

第二条 实施国家建设高水平大学公派研究生项目应以服务人才强国战略，推进高水平大学建设，增强其为建设创新型国家服务的能力为宗旨，遵循“公开、公平、公正”的原则，按照选拔一流的学生，到国外一流的院校、科研机构或学科专业，师从一流的导师的要求，着眼于培养一批具有国际视野、通晓国际规则，能够参与国际事务和竞争的拔尖创新人才。

第三条 国家留学基金管理委员会（以下简称国家留学基金委）负责本项目的组织实施工作。

第二章 选派计划

第四条 2012 年计划选派 2500 名攻读博士学位研究生出国留学。

第五条 攻读博士学位研究生面向全国（含在国外就读的自费留学人员）公开

联合培养 Joint Training

纳米材料及技术硕士
定量生物技术硕士

Masters in Nanomat and BioTech



蔡伟和李砚涵于2021年3月
获得了萨大的纳米硕士学位

Yi Cai and Yanhan Li of Nanjing Tech were
granted the master degree in March 2021.

双博士联合培养 Dual PhD Program

From Unizar to Nanjing Tech Univ

南京工业大学博士留学生: 3名 Kunmeng Zhu
Chao Wang



Doctoral Candidate:
Fernando Lopez Lasaosa
College of Mat Sci & Eng 南工大材料学院
Co-Supervisors:
Prof. Rosa María Bolea Bailo,
Zhongwei Gu, Yuwen Cui

From Nanjing Tech Univ to Unizar

赴萨拉戈萨大学留学: 2名 Yanhan Li



Doctoral Candidate:
Yuanyu Gu
Faculty of Science 萨大理学院

2018年获得国际相图协会
Larry Kaufman学生奖。

		
ADENDA AL CONVENIO MARCO DE COLABORACIÓN ENTRE LA UNIVERSIDAD DE ZARAGOZA Y NANJING TECH UNIVERSITY PARA COTUTELA DE TESIS	ADDENDUM TO THE COLLABORATION AGREEMENT BETWEEN THE UNIVERSITY OF ZARAGOZA AND NANJING TECH UNIVERSITY FOR JOINT THESIS SUPERVISION	萨拉戈萨大学与南京工业大学关于联合培养论文指导的具体合作
REUNIDOS	BY AND BETWEEN	协议
De una parte, D. Juan Jose Maza, Director de la Escuela de Doctorado de la Universidad de Zaragoza, con domicilio social en c/ Pedro Cerbuna s.n.º 12 (50009) Zaragoza	On the one hand, Mr. Juan Jose Maza, Director of the Doctorate School of the University of Zaragoza, whose registered offices are at c/ Pedro Cerbuna no. 12 (50009) Zaragoza.	甲方: José Antonio Mayoral Murillo先生, 萨拉戈萨大学校长, 注册办公室地址Calle Pedro Cerbuna 12, Zaragoza, 邮编50009.
De otra parte, D. <u>Jianqun Chen</u> , Decano de Programas de Doctorado, que actúa en nombre y representación de <u>NANJING TECH UNIVERSITY</u> , con domicilio social en <u>Puchu 5 Road 30, Nanjing, China</u> .	On the other, <u>Mr. Jianqun Chen, Dean of Doctorate Programs</u> , acting in the name and on behalf of <u>NANJING TECH UNIVERSITY</u> , whose registered offices are at <u>Puchu 5 Road 30, Nanjing, China</u> .	乙方: 先生, 南京工业大学校长, 注册办公室地址中国江苏省南京市浦口区浦城南路30号.
Las partes, en el concepto en que interviene, y dentro del Convenio Marco para Cotutela de Tesis firmado entre el rector de la Universidad de Zaragoza y el Presidente de la Universidad de Nanjing Tech, en <u>1 de mayo de XX año</u> aseguran la vigencia de las representaciones con las que actúan y se reconocen mutuamente la capacidad legal suficiente y necesaria para suscribir la presente adenda al citado Convenio Marco, y, a tal efecto.	Both parties, wherein they are involved, and under the General Agreement for Double Doctoral Degrees signed by the Rector of the University of Zaragoza and the President of Nanjing Tech University at <u>XXX XXXX YEAR</u> , ensure the validity of the representation through which they are acting and have the sufficient and necessary legal capacity to sign this addendum to the said Collaboration Agreement and, as such	协议签订双方应确保具有全权法律效力遵守本协议, 据此.
EXPONEN	STATE	声明
Que ambas instituciones tienen como objetivo común fomentar y desarrollar la cooperación científica en la formación de investigadores y favorecer la movilidad de los doctorandos y doctorandas de las respectivas instituciones. Que ambas instituciones han firmado un acuerdo marco para Convenio de Cotutela	The common goal of both sides is through the training of researchers to implement and carry out scientific cooperation, and encourage the flow of doctoral students in both institutions and <u>pursue dual PhD degrees</u> .	双方的共同目标: 通过对研究人员的培训来实现和开展科研合作, 鼓励博士生在双方机构的流动和双学位的获取.
ACUERDAN	AGREE	同意事项
De conformidad a las leyes y a los reglamentos vigentes en cada uno de los países y a las normativas internas de cada universidad, suscribe el presente convenio de cotutela de tesis doctoral. Tras cumplir los requisitos de ambas universidades para su presentación y tras su defensa en la Universidad de Zaragoza/Nanjing Tech University (seleccionar uno), el estudiante recibirá un título de Doctor por la Universidad de Zaragoza y un PhD por Nanjing Tech University.	In accordance with the current laws and regulations in each of the countries and the internal regulations at each university, to sign the present agreement to <u>jointly supervise the research work, upon successful satisfaction of Nanjing Tech and University of Zaragoza graduation requirements, and defense at the University of Zaragoza/Nanjing Tech University (select one) student will receive a PhD from Nanjing Tech and a title of Doctor from UNIZAR.</u>	双方遵守各自国家的现行法律、法规以及学校的内部规定。本协议的签订旨在共同指导研究生完成博士研究课题, 满足南京工业大学和萨拉戈萨大学学位授予要求的基础上, 同时申请南京工业大学和萨拉戈萨大学两个博士学位授予。
Apellidos y nombre:	Name and surname:	姓名:
DNI/Documento de identificación vigente:	ID No./Valid passport number:	身份证号/有效护照号:
Fecha y lugar de nacimiento:	Date and place of birth:	出生日期及地点:
Nacionalidad:	Nationality:	国籍:
Programa de doctorado (Nanjing Tech):	Doctoral programme (Nanjing Tech):	南京工业大学博士专业:
Programa de doctorado (Unizar):	Doctoral programme (Unizar):	萨拉戈萨大学博士专业:
Tema de la tesis doctoral:	Topic of doctoral thesis:	博士论文题目:
para que la mencionada tesis doctoral pueda defenderse bajo la modalidad de cotutela, de conformidad con las siguientes:	so the aforementioned doctoral thesis may be defended under joint supervision, in accordance with the following	上述博士论文将在双方指导下, 依照以下条款完成答辩



5) Los estudiantes de intercambio de formación doctoral de la Universidad de Zaragoza que realicen sus estudios en la Universidad de Nanjing Tech, solo pagarán a la Universidad de Zaragoza las tasas administrativas.	5) The DET students from UNIZAR, during the exchange training at NUTECH, only need to pay the administrative fees to UNIZAR.	5) 联合培养的萨拉戈萨大学博士研究生, 在南京工业大学联合培养期间, 仅向萨拉戈萨大学支付管理费。
6) El estudiante que cumpla con los requisitos de logros de investigación científica de doctorados de la Universidad de Nanjing Tech, podrá disfrutar una beca especial de la Universidad de Nanjing Tech, dotada con una cantidad de cien mil Yuanes cada año por estudiante. El estudiante de intercambio de formación doctoral correrá con los gastos de las tasas de matrícula y alojamiento, en virtud de las normas de la Universidad de Nanjing Tech.	6) The DET student who meets the requirements of Doctor's scientific research achievements of NUTECH, will be funded by NUTECH with special scholarship of RMB 100,000 /person/year. The DET student should pay the tuition and accommodation fees in accordance with the relevant standards of NUTECH.	6) 达到南京工业大学博士生科研成果考核要求时, 享受南京工业大学专项奖学金, 标准为10万元人民币/生/年。学生的学费、住宿费按照南京工业大学有关标准支付。
7) Se crea una comisión conjunta de seguimiento compuesta por dos representantes de cada parte. Se reunirá por petición de cualquiera de las partes, pudiéndose hacer por medios	7) A joint Monitoring Commission will be created, composed by two representatives from each party. General meeting will be held upon request by means	7) 将设立联合执行监督委员会, 成员由双方各派两名委员组成。监督会议根据要求不定期召开, 可通过远程视频会议的方式进行。






ERAMUS+ KA 107



Erasmus+ Inter-institutional agreement 20[21]-20[23]

between institutions from
Programme and Partner Countries

Erasmus+ Inter-institutional agreement 20[21]-20[23]



A. Information about higher education institutions

Full name of the institution / country	Erasmus code or city ⁵	Contact details ⁶ (email, phone)	Website (eg. of the course catalogue)
UNIVERSIDAD DE ZARAGOZA	EZARAGOZ01	Sección de Relaciones Internacionales Calle Pedro Cerbuna 12 – Edificio Interfacultades, 2ª pl. 50009 Zaragoza (Spain) relint@unizar.es +34-976-762052	www.unizar.es https://estudios.unizar.es/
NANJING TECH UNIVERSITY	NANJING	Office of global engagement ycui@njtech.edu.cn 30, Puzhu Road. Nanjing, Jiangsu (China)	http://en.njtech.edu.cn/Education.htm



Instituto Confucio
Universidad Zaragoza
 西班牙萨拉戈萨孔子学院

ERAMUS+ KA 107



Convocatoria
 Acción clave
 Ronda
 Anexo I. Apartado 4.1

Programa Erasmus+
 2020
 KA1
 KA107: Movilidad de las personas por motivos de aprendizaje entre países del Programa y asociados en el sector de Educación Superior
 I
 Instrumento de Cooperación al Desarrollo - Asia

Nº	PAÍS	ESTADO	Nº PROYECTO	CÓDIGO ERASMUS	OID	INSTITUCIÓN	Nº MOVILIDADES	GASTOS VIAJE	GASTOS MANUTENCIÓN	APOYO ORGANIZATIVO	TOTAL PRESUPUESTO
66	CHINA (PEOPLE'S REPUBLIC OF)	SELECCIONADO	2020-1-ES01-KA107-079878	E_HUELVA01	E10208939	UNIVERSIDAD DE HUELVA		8.900,00 €	12.515,00 €	2.100,00 €	23.515,00 €
67	PHILIPPINES	SELECCIONADO	2020-1-ES01-KA107-080408	E_MADRID14	E10209131	UNIVERSIDAD CARLOS III DE MADRID		8.900,00 €	13.360,00 €	2.100,00 €	24.360,00 €
68	VIET NAM	SELECCIONADO	2020-1-ES01-KA107-080938	E_MADRID03	E10208920	UNIVERSIDAD COMPLUTENSE DE MADRID		8.900,00 €	13.260,00 €	2.100,00 €	24.260,00 €
69	THAILAND	SELECCIONADO	2020-1-ES01-KA107-081581	2019-1-ES01-KA108-081714	E10105451	ESCUELA DE ARTE DE OVIEDO		8.900,00 €	16.150,00 €	2.100,00 €	27.250,00 €
70	BHUTAN	SELECCIONADO	2020-1-ES01-KA107-080304	E VALENCIA02	E10208835	UNIVERSITAT POLITÈCNICA DE VALÈNCIA		8.900,00 €	13.260,00 €	2.100,00 €	24.260,00 €
71	CHINA (PEOPLE'S REPUBLIC OF)	SELECCIONADO	2020-1-ES01-KA107-079133	E BARCELONA16	E10208917	UNIVERSITAT RAMON LLULL FUNDACIÓ		8.900,00 €	11.840,00 €	2.100,00 €	22.840,00 €
72	VIET NAM	SELECCIONADO	2020-1-ES01-KA107-080304	E VALENCIA02	E10208835	UNIVERSITAT POLITÈCNICA DE VALÈNCIA		8.900,00 €	13.260,00 €	2.100,00 €	24.260,00 €
73	BHUTAN	SELECCIONADO	2020-1-ES01-KA107-079878	E_HUELVA01	E10208939	UNIVERSIDAD DE HUELVA		8.900,00 €	13.260,00 €	2.100,00 €	24.260,00 €
74	MALAYSIA	SELECCIONADO	2020-1-ES01-KA107-080401	E MADRID05	E10208273	UNIVERSIDAD POLITÈCNICA DE MADRID		8.900,00 €	15.500,00 €	2.100,00 €	26.500,00 €
75	PHILIPPINES	SELECCIONADO	2020-1-ES01-KA107-081485	E_CORDOBA01	E10208905	UNIVERSIDAD DE CORDOBA		8.900,00 €	16.250,00 €	2.100,00 €	27.250,00 €
76	MALAYSIA	SELECCIONADO	2020-1-ES01-KA107-080157	E BARCELONA03	E10208385	UNIVERSITAT POLITÈCNICA DE CATALUNYA		8.900,00 €	13.260,00 €	2.100,00 €	24.260,00 €
77	MALAYSIA	SELECCIONADO	2020-1-ES01-KA107-079096	E GIRONA02	E10209121	UNIVERSITAT DE GIRONA		8.900,00 €	10.840,00 €	2.100,00 €	21.840,00 €
78	CHINA (PEOPLE'S REPUBLIC OF)	SELECCIONADO	2020-1-ES01-KA107-081388	2017-1-ES01-KA108-038811	E10188037	CONSORCIO CAMPUS IBERUS	5	6.140,00 €	9.240,00 €	1.750,00 €	17.130,00 €
79	CHINA (PEOPLE'S REPUBLIC OF)	SELECCIONADO	2020-1-ES01-KA107-081036	E ZARAGOZA01	E10209120	UNIVERSIDAD DE ZARAGOZA		8.900,00 €	17.880,00 €	2.100,00 €	28.880,00 €

30,000 € = 235,000 RMB

DOCTORAL STUDENTS, WANG CHAO

FROM [Erasmus code or city of the sending institution]	TO [Erasmus code or city of the receiving institution]	Subject area code • [ISCED]	Subject area name •	Study cycle [short cycle, 1 st , 2 nd or 3 rd] •	Number of student mobility periods	
					Student Mobility for Studies [total number of months of the study periods or average duration*]	Student Mobility for Traineeships • [Applicable from 2018 call]
E ZARAGOZA01	NANJING	4,5,6,7,	Chemistry, biotechnology, materials, nanoscience	2nd, 3rd	2 (5 months)	
NANJING	E ZARAGOZA01	4,5,6,7,	Chemistry, biotechnology, materials, nanoscience	2nd, 3rd	2 (5 months)	
					5	

[*Optional: subject area code & name and study cycle are optional.]

FROM [Erasmus code of the sending institution]	TO [Erasmus code of the receiving institution]	Subject area code • [ISCED]	Subject area name •	Number of staff mobility periods	
				Staff Mobility for Teaching	Staff Mobility for Training •
				[total number of days of teaching periods or average duration *]	
E ZARAGOZA01	NANJING		Any	1 (5 days stay, plus 2 days of trip)	
NANJING	E ZARAGOZA01		Chemistry, biotechnology, materials, nanoscience, preferably	1 (5 days stay, plus 2 days of trip)	



Sino-Spanish cooperative education: joint degree program on electric engineering.





南京工业大学
NANJING TECH
UNIVERSITY

Sino-Spanish cooperative education: Joint degree program on electric engineering.



Instituto Confucio
Universidad Zaragoza
西班牙萨拉戈萨孔子学院

Graduado en Ingeniería Eléctrica 2021-2022

Universidad Zaragoza



Escuela de
Ingeniería y Arquitectura
Universidad Zaragoza

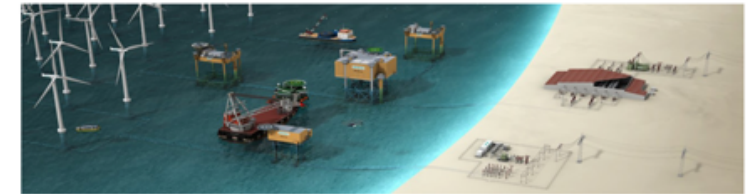
Centros de impartición

Escuela de Ingeniería y Arquitectura

Calle María de Luna N° 3
Zaragoza
Tel: 976761864
Coordinador: Juan José Marcelló Pablo

ASIGNATURAS DEL PLAN 430

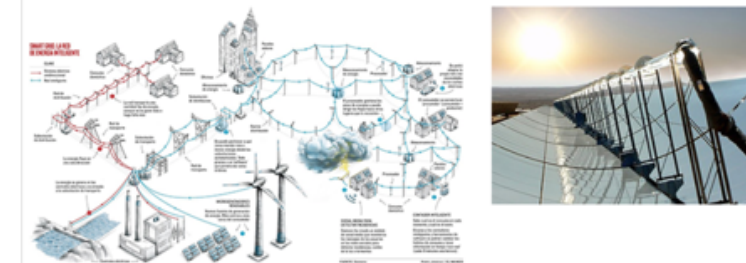
Horarios
Tutorías



Según un estudio del prestigioso [Hay Group](#), en las industrias eléctricas europeas se está experimentando el gravísimo problema de la falta de reposición de los ingenieros especializados en los sistemas eléctricos de potencia que durante estos últimos años están finalizando su vida laboral.

En Europa, el número de graduados en las tecnologías eléctricas ha ido disminuyendo en los últimos años viéndose aumentados sin embargo, los correspondientes a tecnologías en principio mucho más atractivas tales como las de la información y comunicación, las biotecnologías o las de automatismos y robótica. No obstante, podemos constatar que los salarios de los profesionales en tecnologías eléctricas de potencia, son entre un 30% y un 40% más elevados que en las otras tecnologías, y que en todas las industrias eléctricas, incluidas por supuesto todas las españolas se ha dado la voz de alarma por la situación del posible colapso tecnológico que se está planteando y que algunos síntomas de su presencia podemos todos comprobar con las deficiencias tecnológicas que en todo el mundo estamos experimentando cada vez que se presentan los problemas y carencias en garantía y calidad de suministro eléctrico.

Por otro lado, no somos aún plenamente conscientes de que estamos inmersos en un proceso de profundo cambio del modelo energético en que nos encontramos en estos momentos. La necesidad de que nuestra civilización se desarrolle en un escenario más natural, renovable, eficiente, justo y respetuoso con el medioambiente, hace que progresivamente la energía eléctrica se esté imponiendo como el vector energético en el que se fundamente nuestra evolución.



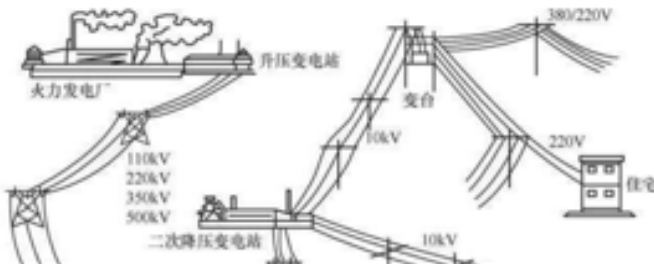
<http://infografia-pedrojimenez.blogspot.com/2015/11/smart-grid-la-red-de-energia-inteligente.html>



电气工程及其自动化专业

阅读次数: 3290 发布时间: 2015-10-10

电气工程及其自动化专业为首批国家级一流本科专业建设点, 教育部卓越工程师教育试点专业和江苏省重点专业, 中国电工技术学会等离子体及应用专业委员会成员单位, 拥有“电气工程”一级学科硕士点, 已通过工程教育专业认证, 并被纳入《华盛顿协议》互认名单, 为学生走向世界提供具有国际互认质量标准的通行证。专业面向全国和江苏经济建设特别是电力、能源、建筑等行业人才需求, 秉承“电气工程+”理念, 培养具有高度社会责任感和人文情怀、具有工程与创新能力的卓越电气工程师人才, 尤其在电力系统自动化、新能源及储能技术、高压新技术及应用、电机及控制技术领域人才培养方面特色鲜明。





南京工业大学
NANJING TECH
UNIVERSITY



Instituto Confucio
Universidad Zaragoza
西班牙萨拉戈萨孔子学院

I International Congress of Teaching Spanish and Chinese





南京工业大学
NANJING TECH
UNIVERSITY

FOUNDATION COUNCIL CHINA-SPAIN



Instituto Confucio
Universidad Zaragoza
西班牙萨拉戈萨孔子学院



FUNDACIÓN
CONSEJO
ESPAÑA
CHINA



rice
Red de Investigadores
China-España
西班牙在华研究协会

INVESTIGAR EN CHINA OPORTUNIDADES Y EXPERIENCIAS

Webinar

25 de febrero 2021

13:00 - 14:15 CET



Moderadora:
Ana Fuentes
Ex corresponsal
en China



Carlos Navarrete
Física cuántica
Shanghai Jiao Tong
University



Carmen Morcelle
Biomedicina
Fudan University



Nerina Piedra
Lingüística
computacional
Peking University



Pedro Laborda
Fitopatología
Nantong University

Con la colaboración de



FUNDACIÓN
CONSEJO
ESPAÑA
CHINA

La Fundación ▾ Ni

EVENTO FCEC

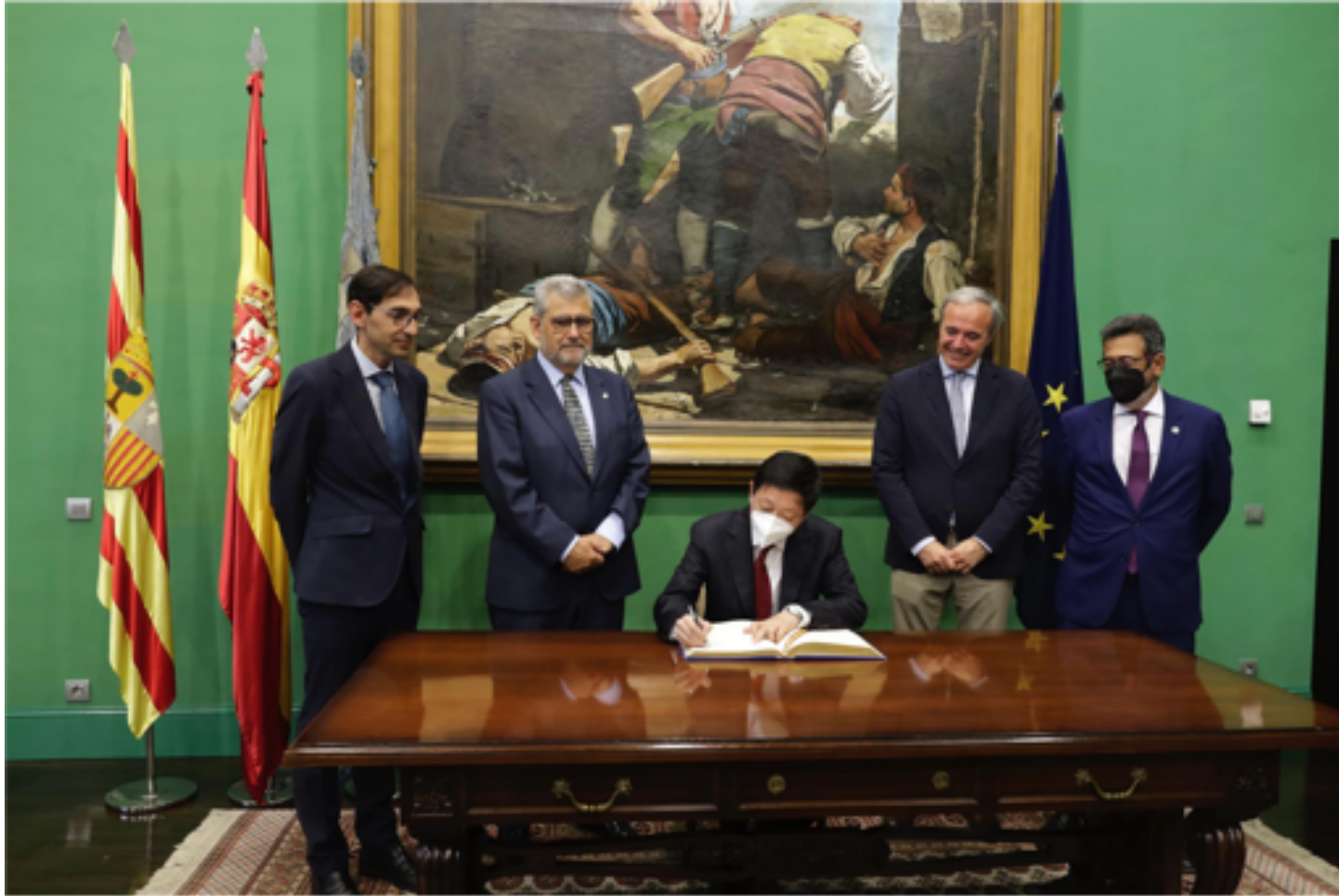
China en Profundidad – China y la crisis logística mundial: perspectivas para las empresas españolas

ENCUENTRO DIGITAL

Evento digital, dentro de la serie «China en Profundidad», que la Fundación organiza junto con el Real Instituto Elcano, para analizar cuestiones de actualidad relacionadas con China.

En esta edición reflexionaremos sobre el papel que juega China en la crisis mundial en las cadenas de valor y sus implicaciones para las empresas españolas.

5th Anniversary





·西班牙萨拉戈萨大学孔子学院

Instituto Confucio de la Universidad de Zaragoza



<https://institutoconfuciozaragoza.com>

HSK
Chinese Proficiency Test
汉语水平考试

HSKK
HSK Speaking Test
汉语水平口语考试

YCT
Young Chinese Test
中文等级考试

BCT
Business Chinese Test
商务汉语考试

开设了西班牙阿拉贡大区和纳瓦拉省唯一汉语水平考试官方考点
The only official HSK test center in Aragon and Navarra, Spain

地址 (Address): Facultad de Educación, C/ Pedro Cerbuna, 12,
Zaragoza 50009, Spain

电话 (Tel): +34 - 976 761 333

邮箱 (email): confucio@unizar.es



THANKS

谢谢聆听