

## 2017 西班牙高等科學研究委員會(CSIC) 暑期研習實驗室一覽表

## CSIC Centro List to host Taiwanese Students in 2017

No.	Principal Investigator of CENTRO	Institution/CENTRO	Email Address of Contact Person	Theme/Topic	Duration of Stay	Number of Openings
1	Amparo Fúster	Instituto de Tecnologías Físicas y de la Información (ITEFI)	Amparo Fúster <amparo@iec.csic.es>	Analysis of the cryptographic properties of the decimation-based generators with use in stream ciphers, design of cryptanalytic algorithms and development of cryptographic software	4-5 months	1
2	José Valle	Instituto de Física Corpuscular (IFIC)	Jose Valle <valle.ific@gmail.com>	"Dark matter and neutrino mass and their cosmological implications"	2 months	1
3	Francisca García Caballero	Centro Nacional de Investigaciones Metalúrgicas (CENIM)	Director CENIM <director@cenim.csic.es>; fgc@cenim.csic.es	"The effect of alloying variations (Mn and P) on the massive ferrite microstructure and phase transformation in Interstitials Free steels"	>=2 months	1
4	Manuel López Vicente	Estación Experimental Aula DEI	Jesús Val <jesus.val@csic.es>; mvalente@eead.csic.es	"Soil erosion and nutrients delivery in Mediterranean crops: cereal, olive and vineyard"	>=2 months	1
5	Agustín Martín Muñoz	Instituto de Tecnologías Físicas y de la Información (ITEFI)	Director ITEFI <direccion.itefi@csic.es>; agustin@iec.csic.es	Study about Side Channel Attacks on Smartphones	4-5 months	1
6	Luis Elvira Segura	Instituto de Tecnologías Físicas y de la Información (ITEFI)	Director ITEFI <direccion.itefi@csic.es>; luis.elvira@csic.es	Ultrasound attenuation in liquid mixtures	3 months	1
7	Luis Hernández Encinas	Instituto de Tecnologías Físicas y de la Información (ITEFI)	Director ITEFI <direccion.itefi@csic.es>; luis@iec.csic.es	Privacy and Data Security in Mobile Devices (smartphones and tablets)	4 months	1
8	Guillermo M. Muñoz Caro	Centro de Astrobiología INTA	Gerencia <cabg301@csic.es>; munozcg@cab.inta-csic.es	Estudio experimental de procesos fisico-químicos en análogos de hielo interestelar sometido a radiación ultravioleta, dando lugar a la síntesis de moléculas de interés astrobiológico	>=2 months	1
9	Daniel García-Castellanos	ICTJA	Daniel Garcia-Castellanos <danielgc@ictja.csic.es>	Numerical modeling of orogenesis, erosion, and sedimentary basin formation.	>=2 months	1
10	Juan Ignacio Padrón Peña	Instituto de Productos Naturales y Agrobiología (IPNA)	Dirección IPNA <direccion.ipna@csic.es>; jipadron@ipna.csic.es	New advances in the synthesis of heterocycles under the paradigm of sustainable metal catalysis. Design, synthesis of prostatecancer vaccines	>=2 months	1
11	Francisco I Pugnaire	Estación Experimental de Zonas Áridas EEZA	Francisco Domingo Poveda <direccion.eeza@csic.es>; fip@eeza.csic.es	Interactions between soil microbial communities and plants	>=2 months	1
12	María Domínguez Castellano	Instituto de Neurociencias (Univ. Miguel Hernández)	Dirección del Instituto de Neurociencias <direccion.in@umh.es>; m.dominguez@umh.es	Drosophila tumorigenesis. The work will involve to unravel the novel molecular interactions between tumor cells and the immune system using a collection of RNAi transgenic lines and transgenes .	>=2 months	1