

Award Ceremony of the JUSTINIANO CASAS Prize for Research into Optical Imaging in its 4rth Edition

The Award Ceremony for the 4rth edition of the “Justiniano Casas” Prize into Optical Imaging took place during the Optical Imaging Session preceding the Closing Ceremony of the ICO-23 (23rd Congress of the International Commission for Optics) on the last 28th of August in Santiago de Compostela, Spain. The Prize organized by SEDOPTICA, the Spanish Optical Society, through its Committee for Image Techniques is sponsored by INFAIMON S.L., a spanish multinational company dedicated to machine vision and image analysis for 20 years.

The Prize takes its name and honors prof. Casas, who played a central role in the modernization of optics in Spain, being responsible for a whole new generation of optics researchers and professors. The Justiniano Casas Prize was established in 2007 and is announced in a biennial basis.

The prize tries to stimulate research activity in the framework of doctorate studies and to foster the incorporation of new researchers in the very active field of optical imaging. In particular, the award is presented to an individual whose Ph.D. thesis is related to the research into optical imaging and has achieved the highest grade in her/his work defense. In the 4rth edition were eligible Ph. theses presented during 2011 and 2012. The term optical imaging is understood in a very broad sense, spreading from progress in basic knowledge to the development of applications. The list of subjects related to optical imaging covers from classical fields as holography and Fourier Optics, to modern areas as 3D Imaging, temporal imaging, nonlinear microscopy, bioimaging, computer vision, etc.

Two prizes are awarded to the authors of the winning Ph.D. theses: 1000 € to the winner and 500 € to the runner-up. Both also receive a diploma. In addition, the supervisor of the first-prize winner receives a commemorative plaque.

Call for applications for the 4rth edition of the Casas Prize with complete information on eligibility requirements, application forms, and documents to be enclosed was available at the web page of SEDOPTICA and announced through different communication channels. The closing date for the application submission was the 16th of February 2014.

The independent jury was composed by five members, from universities, research and technological centers, and industry. In the 4th edition, the President of the jury was Prof. Carlos Ferreira at the University of Valencia and former President of SEDOPTICA.

After careful deliberation, taking into account the evaluation criteria specified in the prize regulations, the jury of the 4th edition of the J. Casas Prize decided to award the runner-up Prize to Dr. Arnau Farré Flaqué by his Doctoral Thesis "Momentum measurements of single-beam traps and quantitative holographic experiments: two sides of the same coin" made under the supervision of Prof. Mario Montes Usátegui and Prof. Estela Martí Badosa at University of Barcelona, Spain, and defended in 2012. The award was presented by Prof. Carlos Ferreira, former president of SEDOPTICA and President of the Jury in this 4th edition, and received by Dr. Arnau Farré (photo 1). As a result of the Ph.D. thesis, Dr. Arnau Farré has co-founded the company IMPETUX, established in Barcelona, Spain, which focuses its activity on Design, Manufacturing and Marketing optical force measurement systems for Optical Tweezers.

Next the Justiniano Casas first-Prize for Research into optical imaging was awarded to Dr. Sergio Ortiz Egea by his Doctoral Thesis "Quantitative anterior segment optical coherence tomography" made under the supervision of Prof. Susana Marcos at the Institute of Optics of the National Research Council (CSIC) in Madrid, Spain, and defended in 2012 at the University of Valladolid. The award was presented by Prof. Joaquín Campos, past-President of SEDOPTICA, and received by Dr. Sergio Ortiz (photo 2). Dr. Sergio Ortiz is at present actively involved in a start-up company based in California, USA, which focuses its activity on systems and technology applied for vision.

Mr. Nicolás Avilés, Head of INFAIMON Portuguese office represented the sponsor in the ceremony. He delivered the checks to the winners and the commemorative plaque to the supervisor for the first-prize (photo 3). The master of the ceremony was Prof. Andrés Márquez, President of the SEDOPTICA Committee for Image Techniques, who acknowledged the Chairman of the ICO-23 Congress, Prof. Humberto Michinel (University of Vigo, Spain), for the great opportunity to celebrate the Award Ceremony coinciding with such a relevant Congress.

Finally, SEDOPTICA would like to thank all the people that were involved in the organization of the 4rth edition of this award. In particular, we are very grateful to the members of the jury and the prize sponsor, INFAIMON S.L.

September 2014

Andrés MÁRQUEZ, President of the SEDOPTICA Committee for Image Techniques.

Photo captions.

Photo 1. Dr. Arnau Farré received from Prof. C. Ferreira the runner-up diploma corresponding to the 4rth edition of the Justiniano Casas Prize for Research into Optical Imaging by his Doctoral Thesis "Momentum measurements of single-beam traps and quantitative holographic experiments: two sides of the same coin" made under the supervision of Dr. Mario Montes Usátegui and Dra. Estela Martí Badosa at University of Barcelona, Spain, and defended in 2012.

Photo 2. Dr. Sergio Ortiz received from Prof. J. Campos the Prizer diploma corresponding to the 4rth edition of the Justiniano Casas Prize for Research into Optical Imaging by his Doctoral Thesis "Quantitative anterior segment optical coherence tomography", defended in 2012, made under the supervision of Dra. Susana Marcos at the Institute of Optics at the Institute of Optics in Madrid, Spain.

Photo 3. The first-prize winner Dr. Sergio Ortiz and his supervisor Dra. Susana Marcos, after receiving the check and the commemorative plaque from Mr. Nicolás Avilés, representative of the sponsor INFAIMON S.L.

Photo 4. From left to right, Prof. Andrés Márquez (President of the SEDOPTICA Committee for Image Techniques), Prof. Susana Marcos (supervisor for the first-prize winner), Dr. Sergio Ortiz (first-prize winner), Dr. Arnau Farré (runner-up prize winner), Prof. Carlos Ferreira (President of the Jury and former President of the SEDOPTICA), Mr. Nicolás Avilés (representative of the sponsor INFAIMON S.L.), and Prof. Joaquín Campos (past-President of the SEDOPTICA, the Spanish Optical Society).



Photo 1.



Photo 2.



Photo 3.



Photo 4.

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CAPTION. From left to right, Prof. Andrés Márquez (President of the SEDOPTICA Committee for Image Techniques), Prof. Susana Marcos (supervisor for the first-prize winner), Dr. Sergio Ortiz (first-prize winner), Dr. Arnau Farré (runner-up prize winner), Prof. Carlos Ferreira (President of the Jury and former President of the SEDOPTICA), Mr. Nicolás Avilés (representative of the sponsor INFAIMON S.L.), and Prof. Joaquín Campos (past-President of the SEDOPTICA, the Spanish Optical Society).

Ceremonia de entrega del Premio Justiniano Casas de Investigación en Imagen Óptica (4ª edición)

La Ceremonia de Entrega del Premio Justiniano Casas de Investigación en Imagen Óptica (4ª Edición) tuvo lugar el pasado 28 de agosto en Santiago de Compostela, durante la sesión “Optical Imaging” que precedía a la Apertura de Clausura del Congreso ICO-23 (23 Congress of the International Commission for Optics). El Premio, de periodicidad bienal, es organizado por la Sociedad Española de Óptica (SEDOPTICA) a través de su Comité de Técnicas de la Imagen, y es patrocinado por INFAIMON S.L., empresa multinacional española dedicada a visión por computador y análisis de imagen. El Premio pretende incentivar la investigación científica en sus inicios, en el marco de los estudios de doctorado, en los ámbitos relacionados con la Imagen Óptica.

El Premio fue otorgado a Dr. Sergio Ortiz Egea, por el trabajo relacionado con su tesis doctoral “Quantitative anterior segment optical coherence tomography”, dirigida por la Dra. Susana Marcos Celestino en el Instituto de Óptica del Consejo Superior de Investigaciones Científicas y con lectura en la Universidad de Valladolid en 2012. En la actualidad el Dr. Sergio Ortiz está involucrado en el lanzamiento de una start-up en California (EE.UU.) cuya actividad está centrada en sistemas y tecnologías relacionadas con la visión, temas abordados en su tesis doctoral.

El Accésit fue otorgado al Dr. Arnau Farré Flaquer, por el trabajo relacionado con su tesis doctoral titulada “Momentum measurements of single -beam traps and
holographic experiments: two sides of the same coin”, dirigida por el Dr. Mario Montes Usategui y la Dra. Estela Martí Badosa en la Universitat de Barcelona y leída en 2012. Como resultado de su tesis doctoral, el Dr. Arnau Farré es cofundador de la compañía IMPETUX, basada en Barcelona, centrada en el diseño, producción y comercialización de sistemas ópticos de medición de fuerza para pinzas ópticas (optical tweezers).



CAPTION. De izquierda a derecha, Prof. Andrés Márquez (Presidente del Comité de Técnicas de Imagen de SEDOPTICA, Sociedad Española de Óptica), Prof. Susana Marcos (directora de tesis del primer premio), Dr. Sergio Ortiz (ganador del primer Premio), Dr. Arnau Farré (ganador del Accésit), Prof. Carlos Ferreira (Presidente del Jurado del Premio y antiguo Presidente de SEDOPTICA), D. Nicolás Avilés (representante del patrocinador INFAIMON S.L.), y Prof. Joaquín Campos (Presidente Anterior de SEDOPTICA).

OTRAS FOTOS.

Photo 1. El Dr. Arnau Farré recibe el diploma como ganador del Accésit, de manos del Prof. C. Ferreira (Presidente del Jurado Evaluador y antiguo Presidente de SEDOPTICA).

Photo 2. El Dr. Sergio Ortiz recibe el diploma al Primer Premio, de manos del from Prof. J. Campos (Presidente Anterior de SEDOPTICA).

Photo 3. El ganador del Primer Premio, Dr. Sergio Ortiz, y su directora de tesis, Prof. Susana Marcos), tras recibir el cheque y la placa conmemorativa de manos de D. Nicolás Avilés, representante del patrocinador INFAIMON S.L.



Photo 1.



Photo 2.



Photo 3.