PRESS RELEASE
NOTA DE PRENSA

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Various awards granted to IMDEA Networks’ PhD Student José A. Ruipérez Valiente

IMDEA Networks Institute is proud to announce that José A. Ruipérez Valiente, PhD Student at the Institute, has received no less than three awards for his MSc thesis “Design and Implementation of a Learning Analytics Module for the Khan Academy Platform”.

Jose A. Ruiperez Valiente from the research team at IMDEA Networks has won three awards for his MSc thesis in Telecommunications Engineering. The MSc thesis, “Design and Implementation of a Learning Analytics Module for the Khan Academy Platform” which he successfully finished back in 2013 from University Carlos III of Madrid (UC3M), supervised by Pedro J. Muñoz Merino, has won no less than three different awards over the past three months: The eMadrid 2015 Award for the best final degree project or master thesis related to research or development on educational technology, the IEEE Educational Spanish Chapter Award to the best final degree project or master thesis related to technological applications in education in the area of IEEE, and last, but not least, the Accenture award for the best final degree project or master thesis on “Digital new services, applications and business models”, awarded by COIT-AEIT (Colegio Oficial de Ingenieros de Telecomunicación – Asociación Española de Ingenieros de Telecomunicación).

The MSc thesis deals with the problem of transforming raw data in educational platforms into meaningful information that can be helpful for improving and supporting the learning process. The software developed as part of this master thesis has been used to help in the support and evaluation of 0-courses with Khan Academy for freshmen students at Universidad Carlos III in the years 2012, 2013 and 2014 and it is currently an open source application.

José A. Ruipérez incorporated to IMDEA Networks in January 2014. Back in 2010 he obtained his BSc in Telecommunications Systems from the Catholic University of San Antonio (Universidad Católica de San Antonio) (Murcia, Spain). In 2013 he received the MSc in Telecommunications Engineering from UC3M that has now lead to various awards. After completing each of the degrees, he received the Outstanding Graduate of the Year Award (ranked 1st in his class). Nowadays, his main areas of interest focus on learning analytics and educational data mining.

Using part of the results from his MSc thesis, José A. Ruipérez is now working on a number of research projects, among others eMadrid (R&D Network on educational technology in the Region of Madrid) and RESET (Reformulate Scalable Educational Ecosystems Offering Technological Innovations).

More information:
• José Antonio Ruipérez Valiente personal website
• Link to the MSc thesis

Source(s): IMDEA Networks Institute

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About Us

**IMDEA Networks Institute** is a research organization on computer and communication networks whose multinational team is engaged in cutting-edge fundamental science and technology. As a growing, English-speaking institute located in Madrid, Spain, IMDEA Networks offers a unique opportunity for pioneering scientists to develop their ideas. IMDEA Networks has established itself internationally at the forefront in the development of future network principles and technologies. Our team of highly-reputed researchers is designing and creating today the networks of tomorrow.

**Some keywords that define us:** 5G, Big Data, blockchains and distributed ledgers, cloud computing, content-delivery networks, data analytics, energy-efficient networks, fog and edge computing, indoor positioning, Internet of Things (IoT), machine learning, millimeter-wave communication, mobile computing, network economics, network measurements, network security, networked systems, network protocols and algorithms, network virtualization (software defined networks – SDN and network function virtualization – NFV), privacy, social networks, underwater networks, vehicular networks, wireless networks and more...

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