institute IMDEA networks

Madrid, Spain 10 March, 2011

Institute IMDEA Networks appoints Dr. Jun Li as Visiting Researcher

Dr. Li brings to the team extensive experience in areas including network security, Internet architecture and networking protocols.
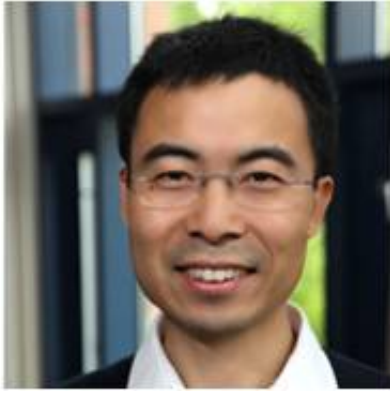

Institute IMDEA Networks, a research institute in the area of computer networking backed by the Madrid Regional Government, has announced that Dr. Jun Li joined the Institute in February 2011 in the role of Visiting Researcher, bringing to the research team extensive experience in Network Security and Networking Architecture and Protocols. Dr. Li has simultaneously been appointed to the role of Cátedra de Excelencia at the University Carlos III of Madrid.
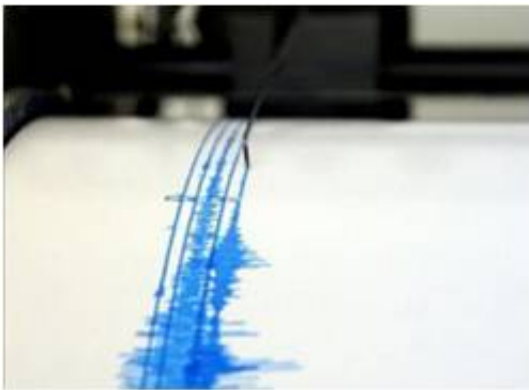
Dr. Li's current research is mainly focused on network security, studying direct countermeasures against threats such as worms and phishing, as well as security technologies that can be built into the Internet at the architectural and protocol levels, such as traffic hijacking detection, source address validity enforcement and Internet routing forensics. His recent research interests include an "Internet seismograph", or "I-seismograph", analizing Border Gateway Protocol (BGP) to deliver real-time measurements of the Internet impact of disruptive events such as large-scale power outages, undersea cable cuts, or security incidents. He is also interested in Internet architecture and protocols generally, and in distributed systems. As well as pursuing his own interests, Dr. Li will be involved in the mentoring of young researchers.

Dr. Li is an Associate Professor in the Department of Computer and Information Science at the University of Oregon, and directs the university's Network Security Research Laboratory, associations which will mean new collaboration opportunities for Institute IMDEA Networks. He received his Ph.D. in computer science from the University of California, Los Angeles, in 2002, with honors (Outstanding Doctor of Philosophy).

Dr. Li has authored more than thirty peer-reviewed publications, including thirteen journal articles and a book as first author, Disseminating Security Updates at Internet Scale (Kluwer Academic Publishers). He has served on several National Science Foundation (NSF) panels and more than fifty technical program committees, and is a senior member of the Association for Computing Machinery (ACM). Dr. Li is a recipient of the NSF's prestigious CAREER award.

Dr. Jun Li, Visiting Researcher, Institute IMDEA Networks.

Dr. Li has recently conducted research into an "Internet seismograph."

About us

IMDEA Networks Institute, promoted by the Regional Government of Madrid, 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…