

PRESS RELEASE

FOR IMMEDIATE RELEASE

Madrid, September 13, 2010

Institute IMDEA Networks Appoints Dr. Antonio Fernández Anta as Senior Researcher

Dr. Fernández Anta brings to the team more than 15 years of research experience in areas such as communications and networks, distributed computing, algorithms, and discrete and applied mathematics.

Institute IMDEA Networks, a research institute backed by the Madrid Regional Government, has announced that [Dr. Antonio Fernández Anta](#) will join the Institute in the fall of 2010 in the role of Senior Researcher, bringing to the research team more than 15 years of research experience at institutions including the Massachusetts Institute of Technology (MIT), Bell Labs, the Universidad Politécnica de Madrid and the Universidad Rey Juan Carlos in Madrid.

Dr. Fernández Anta's research interests include communications and networks, distributed computing, algorithms, and discrete and applied mathematics. At the Institute he will be focusing on areas such as algorithms for energy saving in communication networks, overlay network design for efficient resource location and algorithms for radio sensor networks. His recent activity includes contributions to two papers on energy-minimization aspects of routing and scheduling presented at the INFOCOM 2010 conference in San Diego, California, in March of this year (1).

Most recently Dr. Fernández Anta was Full Professor at the Universidad Rey Juan Carlos (URJC) in Madrid, where he has been on the faculty since 1998. Previously he was on the Faculty of the Universidad Politécnica de Madrid from 1997 to 1998, and carried out postdoctoral research at MIT from 1995 to 1997. He has a steady productivity of more than five papers per year, on average, with contributions to



conferences and journals including INFOCOM, STOC, FOCS, PODC, DISC, Journal of the ACM, SIAM Journal on Computing and IEEE Transactions on Computers. He is a member of the steering committee of the International Symposium on Distributed Computing (DISC) and has served on the technical program committees of numerous conferences and workshops.

Dr. Fernández Anta received his M.Sc. and Ph.D. degrees in Computer Science from the University of Louisiana in 1992 and 1994, respectively. His research activities include serving as the co-head of URJC's Distributed Algorithms and Networks Laboratory (*Laboratorio de Algoritmia Distribuida y Redes* or [LADyR](#)); a sabbatical carried out at Alcatel-Lucent Bell Labs, Murray Hill, New Jersey, from October 2008-2009; and membership of DISC's steering committee between 2007 and 2011; and co-chairmanship of [DISC 2009's organizing committee](#).

(1) Matthew Andrews, Antonio Fernández Anta, Lisa Zhang, Wenbo Zhao. "Routing for Energy Minimization in the Speed Scaling Model", *INFOCOM 2010*, San Diego, CA, March 2010. Matthew Andrews, Antonio Fernández Anta, Lisa Zhang, Wenbo Zhao. "Routing and Scheduling for Energy and Delay Minimization in the Powerdown Model", *INFOCOM 2010 Mini-Conference*, San Diego, CA, March 2010.



Dr. Antonio Fernández Anta, Senior Researcher, Institute IMDEA Networks

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ABOUT INSTITUTE IMDEA NETWORKS

Institute IMDEA Networks is an international research institute supported by the Regional Government of Madrid and the European Union. The Institute brings together distinguished and young scientific researchers to develop cutting-edge science and technology in the field of networking. In order to ensure a truly international perspective, the Institute's working language is English. Promoting interdisciplinary collaboration, the Madrid-based Institute works in partnership with leading businesses and scientists from around the globe. By generating new knowledge and understanding through its activities, the Institute supports the continued development of Madrid and Spain as a centre for international scientific and technological research.

www.networks.imdea.org

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