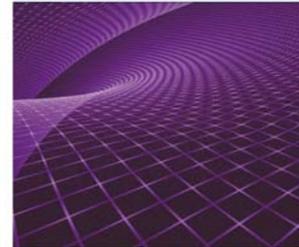


**Madrid institute for advanced studies**

**idea**  
**imdea**

**imdea**  
networks



[Developing the  
**Future Wireless Internet**]

# IMDEA: The Madrid Institute for Advanced Studies

**IMDEA Networks** is an international research institute focused on developing networking technologies. These technologies provide the platform on which the Future Wireless Internet will be built. The World's largest and fastest-growing economies will continue to generate soaring demand for access to the internet and to web-based services, as well as for basic telephony services. The size of many of these countries, and the scale and speed required to deliver these services mean that mobile networks will be looked to for solutions. The technical challenge of providing this platform is therefore one that must be addressed today.

## Our Vision

Our vision is the **Future Wireless Internet** in which  $10^{12}$  heterogeneous wireless devices are interconnected to the conventional fixed Internet. The Future Wireless Internet will be a pervasive, ubiquitous and mobile networking service, allowing "anytime, anywhere" connectivity, evolving away from the Internet's current, mainly wired, nature. The proliferation of wireless devices will supersede the current prevalence of the personal computer. A new generation of applications will emerge to exploit the new possibilities opened up by the Future Wireless Internet. IMDEA Networks exists to make this vision a reality.

## Our Mission

We strive to create value by **leading research** in protocol, algorithm and systems developments that enable the Future Wireless Internet. We do this by conducting research and developing innovative and useful scientific and technical advances in wireless Internet protocols, algorithms and systems while actively promoting their successful transfer to market. The Institute provides the best working conditions and the most attractive and best-equipped environment in which researchers can focus on this process of innovation and scientific advance.

# Making the Future Wireless Internet a reality

To fulfil our mission IMDEA Networks focuses its research activities in the following specific areas:

- *Content Distribution Networks*
- *Pervasive Internet Access*
- *Security and Privacy*
- *Resilient Scalable Network Control*
- *Alternative business model*

## What difference will you make in networking research?

Future Wireless Internet Protocols are being shaped by IMDEA Networks' international team of researchers. Our research staff ranges from eminent, prize-winning thought leaders like Prof. Dr. Nick Maxemchuk and Prof. Dr. Arturo Azcorra to talented post-graduate PhD students.

Our team comprises of brilliant people from all parts of the World, with diverse backgrounds, experience, skills, research interests and ambitions.

Whether you're looking for a leadership role in an exciting new research institute or a researcher at the start of your career, IMDEA Networks has a place for you.

At IMDEA Networks you'll benefit from

- *Working as part of a team that has a clear scientific vision*
- *Collaborating with a team of world-class research colleagues*
- *A highly supportive environment*
- *Internationally-competitive salaries*
- *Full support to transfer your results to industry*

*If you would like to find out more about our current career opportunities then please take a look at our website  
[www.imdea.org/networks](http://www.imdea.org/networks)*

# IMDEA: The Madrid Institute for Advanced Studies

**IMDEA** is a new institutional framework promoted by the Regional Government of Madrid to:

- Perform research of excellence.
- Carry out technology transfer to the industrial sector in order to improve competitiveness.
- Attract talented researchers to the region of Madrid.

The **IMDEA** initiative comprises ten independent research institutes in different areas (water, food, biomedicine, social sciences, energy, mathematics, materials, nanoscience, software and networks).

**IMDEA Networks** carries out research of the highest standard and promotes technology transfer of networking technologies.



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