

**Session A: "Capitalizing on Europe's research potential:
three generations of entrepreneurs"**

**SPEAKER PROFILE: Dr. Javier GARCÍA MARTINEZ EuChem, CSci, CChem, MRSC
Co-Founder, and Chief Technology Officer of Rive Technology, Inc.**



Co-Founder and CTO of Rive Technology Inc (Boston, MA), a VC-funded MIT spin-off commercializing advanced nanomaterials for energy applications, Javier developed its core technology and helped to secure its intellectual property and raised US\$22M. Javier is also Group Leader of the Molecular Nanotechnology Lab at the University of Alicante, Spain.

Javier has been recognized as a leader in nanotechnology and materials science. In 2007, Javier received the TR 35 Award from MIT's Technology Review magazine. In 2005, was awarded the Europa Medal, an honor given annually to the outstanding European chemist under the age of 35. Recently, Javier has been recently elected as one of the Young Global leaders of the World Economic Forum.

COMPANY PROFILE: Rive Technology



Rive is a clean energy company, commercializing advanced catalyst technology for petroleum refining to increase the yield of transportation fuels produced per barrel of crude oil. The proprietary technology, invented at MIT, makes traditional zeolite catalysts more accessible to large hydrocarbon molecules, allowing increased production of gasoline and diesel fuel. Rive's new catalyst will fit readily into existing refineries and enable refiners to increase throughput and profitability with minimal capital investment. Rive Technology has raised over \$22 million in venture capital from Charles River Ventures, Advanced Technology Ventures and Nth Power. Rive Technology recently received AlwaysOn's GoingGreen East 50, an award given to the top cleantech companies in the U.S. Northeast.

Rive's catalyst – called RiveCat – is nano-engineered through the surfactant-assisted transformation of a zeolite. Rive is able to control the size and concentration of pores to create a zeolite structure that yields the best catalytic performance.

Rive co-founder Javier Garcia Martinez invented the technology while at MIT, and the company has an exclusive license from MIT to commercialize the technology.