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The Royal Society
The UK academy of science

Royal Society Esso Energy Award won by CALTEC

The prestigious Royal Society Esso Energy Award has been won by a four man team from CALTEC.

The award, granted yearly by the Royal Society, provided by a gift by Esso UK plc, is for outstanding contributions to the advancement of science, engineering or technology leading to the more efficient mobilisation, use, or conservation of

energy resources. The award consists of a gold medal for each of the recipients and a prize of £2000.

The four man team; from left to right in the picture, are: Wai Lam Loh, Dr. Najam Beg, Mir Mahmood (Sacha) Sarshar and Dr. Emil Arato, were granted the award for the development of the WELLCOM system which utilises energy from higher pressure oil or gas wells to

significantly boost the production and increase total energy recovery from lower pressure wells.

WELLCOM, short for WELL COMmingling system, has been proven to boost recovery by as much as 41% and can be used in gas, oil or multiphase applications. The system is constructed from standard components, has no moving parts or energy requirements and has very low maintenance requirements. It is the subject of a world-wide patent.

WELLCOM was supported by a wide group of industrial partners including AGIP spa, Enterprise Oil, Shell Sarawak and Amerada Hess, together with significant contributions from the DTI Infrastructure and Energy Programme, previously the OSO, and from the European Union Thermie programme.

CALTEC can be found on the European Union stand at **OTC - Stand 6273** - where they will also be presented with a Meritorious Engineering Award from Petroleum Engineering International.

