In collaboration with a research group at the synchrotron Elettra in Trieste research groups within the SFB 689 have succeeded in convincing the diluted ferromagnetic (Ga,Mn)As to become ferromagnetic even at room temperature. This was realized by utilizing the proximity polarization effect of a thin ferromagnetic Fe overlayer. Element specific hysteresis curves have been measured using XMCD at the APE beamline in Trieste. Ab-initio calculations as well as Monte Carlo Simulatione support the experimental findings. The article has been highlighted in „Viewpoint in Physics“. Phys. Rev. Lett 101, 267201 (2008), Physics 1, 43 (2008)