

# All-optical spin quantum computation in quantum dots

Tommaso Calarco  
QO Group, Innsbruck and ECT\*, Trento

P. Zoller, P. Fedichev (Innsbruck)  
F. Rossi, I. D'Amico, P. Zanardi (ISI, Turin)  
E. Pazy (Ben-Gurion)  
G. Bryant (NIST, Gaithersburg)