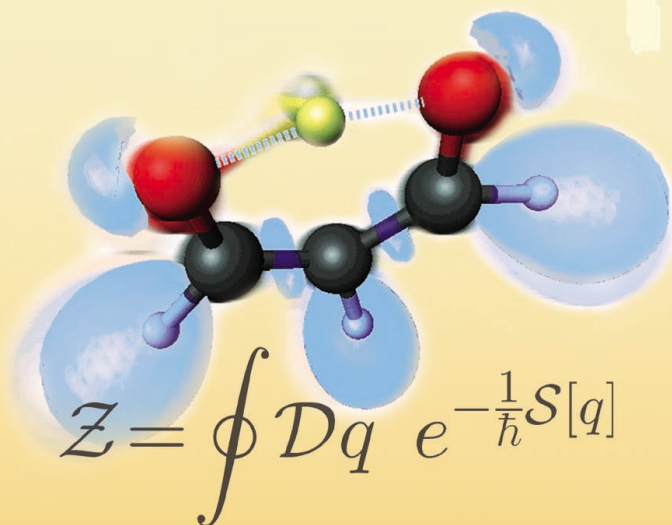


Euro Winter School

High-Level Scientific Conference

Quantum Simulations of Complex Many-Body Systems: From Theory to Algorithms

Rolduc Conference Centre, Kerkrade, NL
25 February – 1 March 2002



Scientific Programme

J. Grotendorst, Forschungszentrum Jülich
D. Marx, Ruhr-Universität Bochum
A. Muramatsu, Universität Stuttgart

Overview Lectures

J. B. Anderson, F. F. Assaad
D. M. Ceperley, E. K. U. Gross
W. Janke, M. Lewerenz
G. Sutmann, M. E. Tuckerman

Quantum Monte Carlo

J. B. Anderson, F. F. Assaad
S. Baroni, B. Bernu, D. M. Ceperley
S. Sorella, D. Vollhardt

Quantum Molecular Dynamics

N. Doltsinis, R. Egger, U. Manthe
R. Ramirez, M. E. Tuckerman

Numerical Methods and Parallel Computing

M. Bücker, P. Gibbon, W. Janke, Ch. Lubich, B. Mohr