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# Joint DEMOCRITOS-ICTP School on Continuum Quantum Monte Carlo Methods | (smr 1595)

## Tuesday 20 January 2004

**PATH INTEGRAL MONTE CARLO - Adriatico Guest House Kastler Lecture Hall (09:00-11:00)**

*Introduction to PIMC*

*Properties of density matrices.*

*Action (primitive approximation, pair density matrix cumulant, Fourier path integrals).*

*Simple properties and description of path integrals.*

time	title	presenter
09:00	PATH INTEGRAL MONTE CARLO	D.M. CEPERLEY