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

Monday 19 January 2004

**AUXILIARY FIELD QUANTUM MONTE CARLO - Adriatico Guest House Kastler Lecture Hall
(09:00-11:00)**

Introduction to auxiliary-field many-body methods.

Auxiliary-field QMC formulated as branching random walks.

Sign/pase problems, constrained path approximation.

AFQMC for electronic Hamiltonians.

time	title	presenter
09:00	AUXILIARY FIELD QUANTUM MONTE CARLO	S. ZHANG