

Mathematics for Quantum and Statistical Physics Special Session A15

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This session is devoted to recent advances in the mathematical understanding of phenomena of interest in Statistical and Quantum Physics, and related developments in modern Probability Theory and Analysis. Topics will include Universality in Statistical Mechanics and Condensed Matter, Symmetry Breaking effects, Localization in Quantum Systems, Non-Equilibrium Phenomena, construction of Quantum Field Theory models and Interaction Effects of Quantum Particles.

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