

## Workshop

# Complex Spectral Representation of the Hamiltonian and the Liouvillian in Nanoscience

18,19 May 2012

The University of Texas, Austin, Texas, USA

### Topics

Nonequilibrium transport in nanosystems

Van Hove singularities in low dimensional systems

Quasi Bound State in Continuum

Fractal spectrum in nonlinear chain

### List of Invited Speakers

V. Barsegov (Univ. of Masach. Lowell, USA)

S. Garmon (Toronto Univ. CANADA)

N. Hatano (The Univ. of Tokyo, JAPAN)

R. de la Madrid (Lamar Univ. USA)

A. Nisino (Kanagawa Institute of Technology, JAPAN)

K. Noba (Osaka Prefec. Univ. JAPAN)

G. Ordonez (Butler Univ. USA)

T. Petrosky (Univ. of Texas, USA)

S. Tanaka (Osaka Pref. Univ. JAPAN)



### Organizing Committee

T. Petrosky (Chair), N. Hatano, S. Tanaka

### Sponsor

Center for Complex Quantum Systems,  
The University of Texas at Austin

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