

# Symplectic Geometry And Quantum Symmetries In Mathematical Physics

Moment maps and symplectic quotients, contact homology, lagrangian submanifolds, geometric quantization and supermanifolds, conformally equivariant quantization, symplectic geometry and categories, symplectic geometry and diffeological spaces, Gromov-Witten invariants, quantum symmetries and module-categories, reduction algebras and representation theory, Hopf algebras and generalizations, Virasoro algebras and generalizations, vertex operator algebras, cluster algebras, integrable systems.

## Taiwan

### February 21-25, 2011

National Center for Theoretical Sciences,  
National Tsing-Hua University, Hsinchu

### NCTS-CPT Joint Workshop

Chenchang Zhu (U. Göttingen),  
Chin-Lung Wang (NTU), Ching Hung Lam (Academia Sinica), Christian Duval (CPT), Eugene Xia (NCKU), Jean-Philippe Michel (U. Luxembourg), Jih-Hsin Cheng (Academia Sinica), John Baez (CQT-Singapore & U. of California at Riverside), Martin Schlichenmaier (U. Luxembourg), Mei-Lin Yau (NCU), Meng-Kiat Chuah (NTHU), Nan-Kuo Ho (NTHU), Oleg Ogievetsky (CPT & Lab. Poncelet), Patrick Iglesias-Zemmour (CNRS & HUJI), River Chiang (NCKU), Robert Coquereaux (CPT), Shih-Wei Yang (NCKU), Shun-Jen Cheng (Academia Sinica), Siye Wu (U. of Hong Kong), Valentin Ovsienko (U. Lyon I), Yael Fregier (U. Luxembourg), Yasuyuki Kawahigashi (U. of Tokyo), Yng-Ing Lee (NTU).

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<http://math.cts.nthu.edu.tw/Mathematics/2011Taiwan-FranceWorkshop.htm>