

Publication list of Tristan Meunier :

[25] Electrons surfing on a sound wave : an experimental platform for quantum optics with flying electrons

Sylvain Hermelin, Shintaro Takada, Michihisa Yamamoto, Seigo Tarucha, Andreas D. Wieck, Laurent Saminadayar, Christopher Bauerle and Tristan Meunier
Nature (London) 447, 435 (2011)

[24] Magneto-transport in 3D-strained HgTe topological insulator

Clément Bouvier, Tristan Meunier, Laurent Lévy, Philippe Ballet
In preparation

[23] Single-electron charging in multilevel double quantum dots : from weak to strong inter-dot coupling

David Y. Baines, Tristan Meunier, Dominique Mailly, Andreas D. Wieck, Christopher Bauerle, Laurent Saminadayar, Pablo Cornaglia, Gonzalo Usaj, Denis Feinberg, Carlos Balseiro
(in preparation)

[22] Efficient radio frequency filters for space constrained cryogenic setups

Mandal S, Bautze T., Blinder R., Meunier T, Saminadayar L, Bauerle C
Review of scientific instruments, 82, 024704 (2011)

[21] Remanence effects in the electrical resistivity of spin glasses

Thibaut Capron, A. Perrat-Mabilon, Christophe Peaucelle, Tristan Meunier, David Carpentier, Laurent P. Lévy, Christopher Bäuerle, Laurent Saminadayar
EPL, 93 27001 (2011)

[20] Coupling molecular spin states by photon-assisted tunneling

L. R. Schreiber, F. R. Braakman, T. Meunier, V. Calado, J. Danon, J. M. Taylor, W. Wegscheider, L. M. K. Vandersypen
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[19] Efficient C-Phase gate for single-spin qubits in quantum dots

T. Meunier, V. C. Caladao, L. M. K. Vandersypen,
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[18] Detailed study of superconductivity in nanostructured nanocrystalline boron doped diamond thin films

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[17] Nanostructures made from superconducting boron-doped diamond

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[16] Quantum coherence at low temperatures in mesoscopic systems: Effect of disorder

Y. Niimi, Y. Baines, T. Capron, D. Mailly, F.-Y. Lo, A. D. Wieck, T. Meunier, L. Saminadayar, C. Bauerle
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[15] Disorder induced decoherence in mesoscopic wires

Y. Niimi, Y. Baines, T. Capron, D. Mailly, F.-Y. Lo, A. D. Wieck, T. Meunier, L. Saminadayar, C. Bauerle
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[14] Experimental signature of phonon mediated relaxation

T. Meunier, I. V. Vink, L. H. Willems van Beveren, K-J. Tielrooij, R. Hanson, F. H. L. Koppens, H. P. Tranitz, W. Wegscheider, L. P. Kouwenhoven, L. M. K. Vandersypen,
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[13] Non-destructive measurement of electron spins in a quantum dot

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[9] Giant atoms for explorations of the mesoscopic world

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