

Vincenzo Piazza

since December 2003 at Scuola Normale Superiore

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Vincenzo Piazza started his research activity in condensed-matter physics in 1996 working for his Laurea-degree thesis. The main target of his work was the experimental investigation of the transport properties of semiconductor heterostructures. From this starting point, his interests extended towards the physics of highly-correlated two-dimensional electron systems in the quantum Hall regime and towards the study of coherent transport in reduced-dimensionality structures. Vincenzo Piazza's activity is currently focused on advanced solid-state devices based on single electrons driven by surface acoustic waves for implementations in the quantum information and computation fields

Education:

1996: Laurea Degree in Physics, 110/110 cum laude, University of Pisa, Pisa - Italy;
1996: Physics Diploma, 70/70 cum laude, Scuola Normale Superiore, Pisa - Italy;
2000: Fulbright fellowship at California Institute of Technology, Pasadena - California;
2002: PhD in Physics, 70/70 cum laude, Scuola Normale Superiore, Pisa - Italy.
Thesis: "Quantum Phase Transitions and coherence effects in the twodimensional electron gas."

Current position:

Employed since December 2003 at Scuola Normale Superiore with a temporary research position.