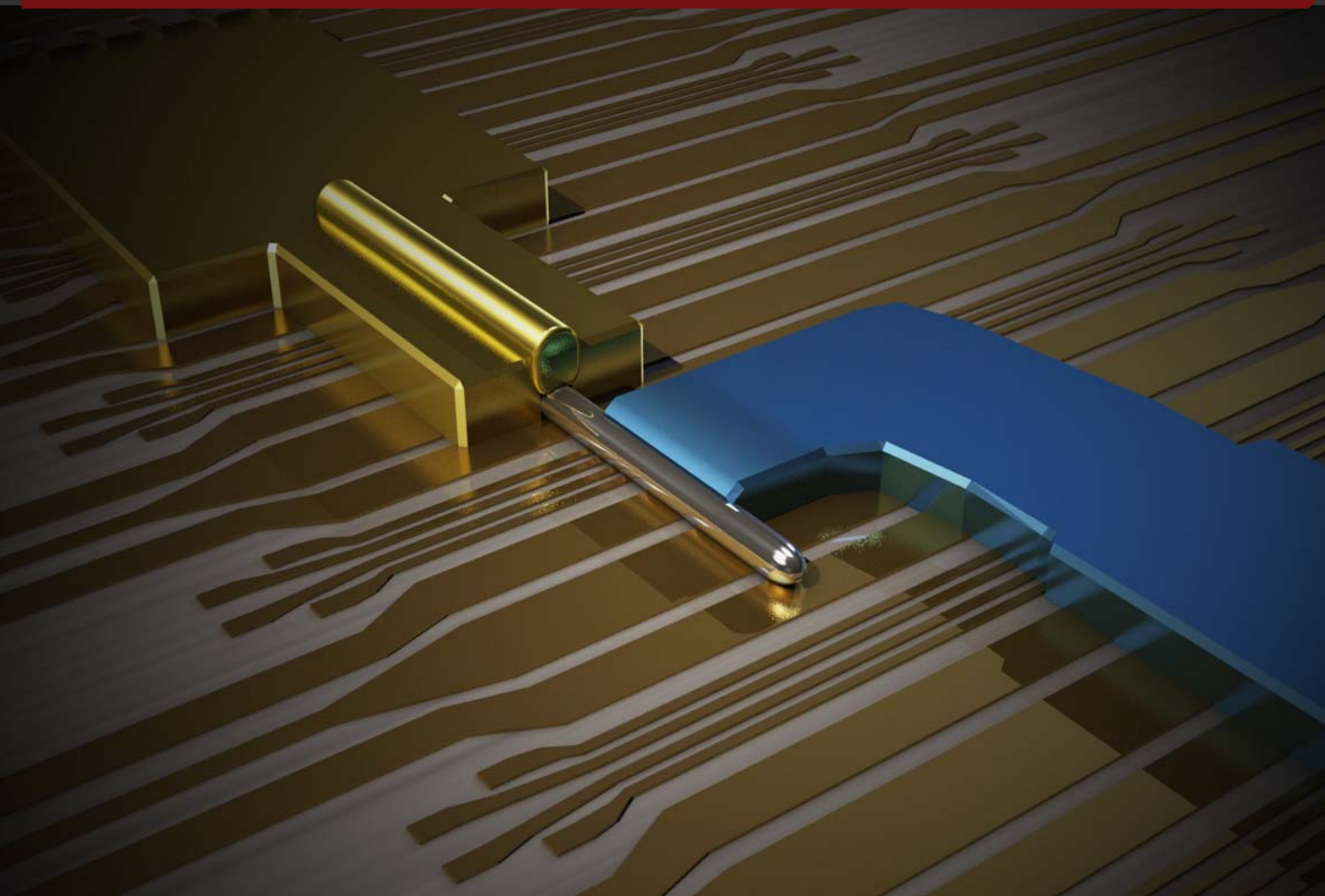




UNIVERSITÀ DEGLI STUDI DI MILANO
SCUOLA DI DOTTORATO IN FISICA
ASTROFISICA E FISICA APPLICATA

2012/2013 PHYSICS COLLOQUIA



The theory of random matrices originated half a century ago to describe the spectral statistics of atoms and nuclei. Applications to quantum dots (artificial atoms) followed, stimulated by developments in the field of quantum chaos. Now a new state of matter with topological order (topological insulators and superconductors) provides for a new arena of applications of random matrix theory. We will give an overview of these recent developments, with an emphasis on the implications for Majorana fermions, newly discovered quasiparticles that are their own antiparticle.

05MAR2013

CARLO BEENAKKER
Universiteit Leiden, Leida, Paesi Bassi

Random Matrices and Topological States of Matter

Gli incontri si terranno alle **ore 15:00**
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