

CERN Colloquium

SPEAKER: Prof. Arthur I. Miller (University College

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The Strange Friendship of Pauli and Jung -

When Physics Met Psychology

DATE: Thu 10/12/2009 16:30

PLACE: Council Chamber**

ABSTRACT

At a key time in his scientific development, Pauli was undergoing analysis by Jung. What can we learn about Pauli's discoveries of the exclusion principle and the CPT theorem, as well as his thoughts on non-conservation of parity, and his quest with Heisenberg for a unified field theory of elementary particles from Jung's analysis of his dreams? A very different Pauli emerges, one at odds with esteemed colleagues such as Niels Bohr and Werner Heisenberg.