1145-47-1874   **Masayoshi Kaneda*** (`masayoshi.kaneda@mathematik.uni-goettingen.de`), Mathematisches Institut, Georg-August-Universität Göttingen, D-37073 Göttingen, NI, Germany, and **Thomas Schick** (`thomas.schick@mathematik.uni-goettingen.de`), Mathematisches Institut, Georg-August-Universität Göttingen, D-37073 Göttingen, NI, Germany. *Open projections and Murray-von Neumann equivalence.*

We identify the class of C^*-algebras for which openness of projections is stable under Murray-von Neumann equivalence. The C^*-algebras for which all projections in their second duals are open are examples of such C^*-algebras, and they are precisely those C^*-algebras which are ideals in their second duals. We also show that any C^*-algebra for which the closure of every open projection in its second dual is again open has the largest essential ideal which is a c_0-direct sum of AW^*-algebras. (Received September 24, 2018)