

Supplementary material for: Plasmon-Induced Hot-Carrier Generation differences in Gold and Silver Nanoclusters

Oscar A. Douglas-Gallardo,[†] Matías Berdakin,[‡] Thomas Frauenheim,[¶] and
Cristián G. Sánchez^{*,§}

[†]*Departamento de Fisico Química, Facultad de Ciencias Químicas, Universidad de
Concepción, Concepción, Chile.*

[‡]*INFIQC (CONICET—Universidad Nacional de Córdoba), Ciudad Universitaria 8 Dpto.
Química Teórica y Computacional, Facultad de Ciencias Químicas, Universidad Nacional
de Córdoba, Ciudad Universitaria, Argentina.*

[¶]*Bremen Center for Computational Materials Science, Universität Bremen. Bremen,
Germany.*

[§]*CONICET 8 Facultad de Ciencias Exactas y Naturales, Universidad Nacional de Cuyo,
Padre Jorge Contreras 1300, Mendoza, Argentina.*

E-mail: csanchez@mendoza-conicet.gob.ar

DFTB band structure for bulk silver and gold.

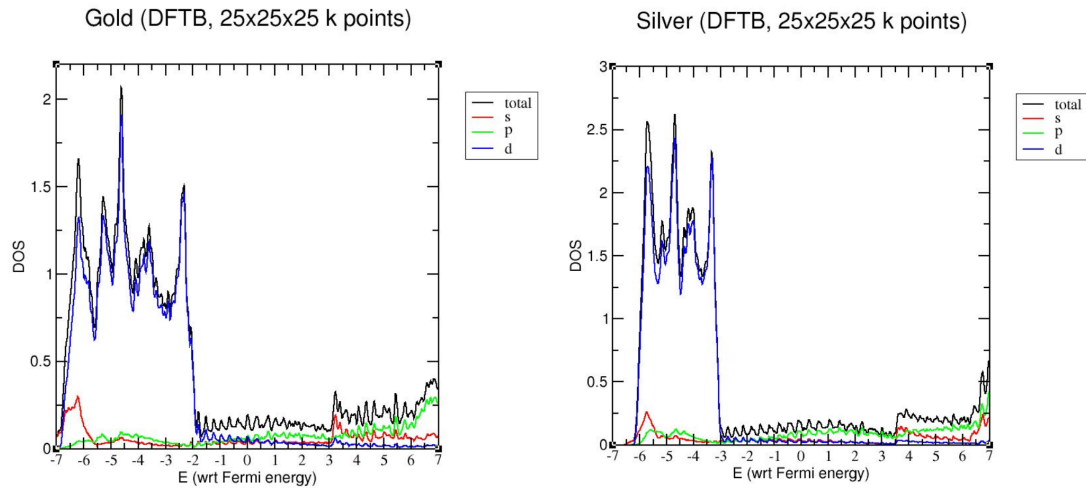


Figure 1: DFTB densities of states for bulk silver and gold. The interband thresholds obtained from DFTB can be estimated at -2.1 eV and -3.1 eV for gold and silver, respectively.