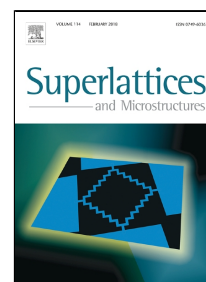


# Accepted Manuscript

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# Surface thermodynamic stability, electronic and magnetic properties in various (001) surfaces of $\text{Zr}_2\text{CoSn}$ Heusler alloy

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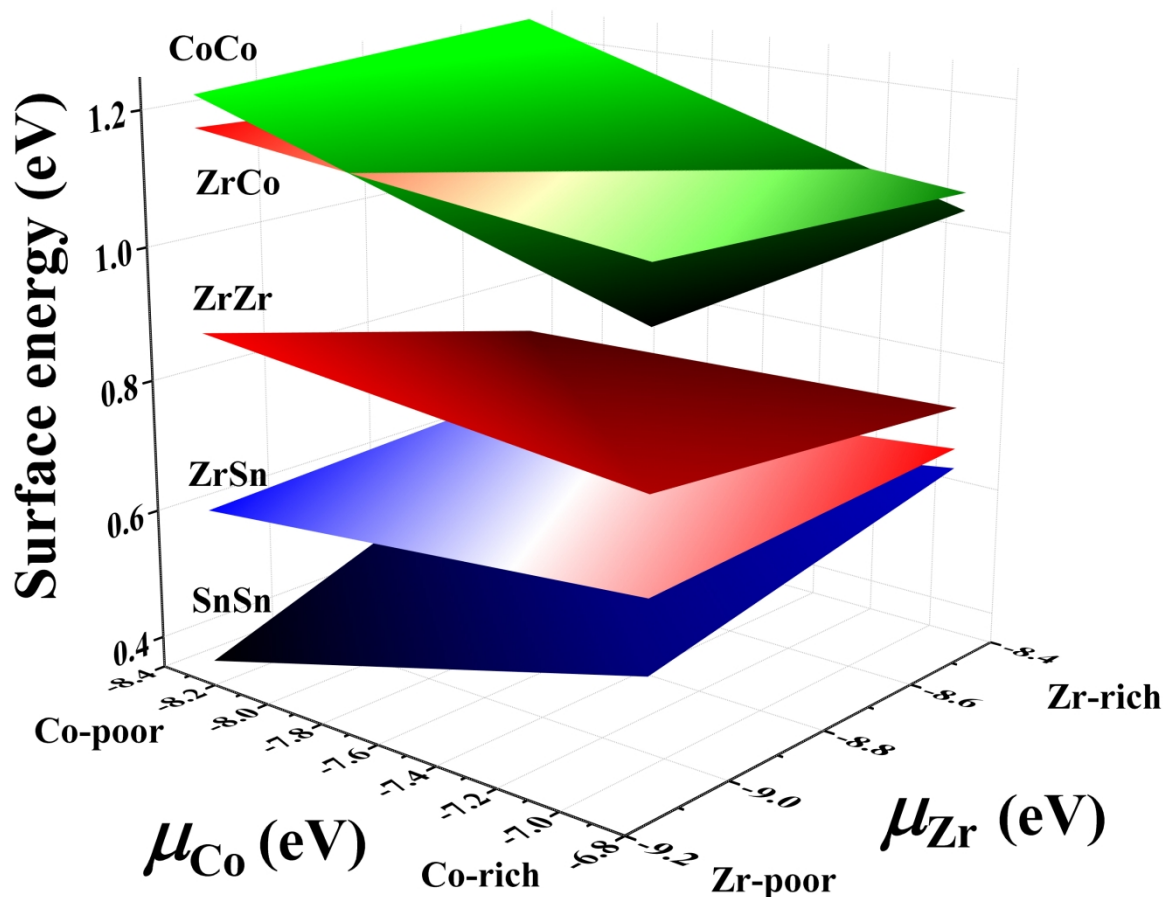
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## Graphical Abstract

Surface energies (in  $\text{eV}/\text{\AA}^2$ ) as a function of chemical potentials  $\mu_{\text{Co}}$  and  $\mu_{\text{Zr}}$  (in eV) for five different terminations CoCo, ZrCo, ZrZr, ZrSn and SnSn of the  $\text{Zr}_2\text{CoSn}$  (001) surface.



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