

Microstructure, mechanical and corrosion behaviors of CoCrFeNiAl_{0.3} high entropy alloy (HEA) films

Libo Gao,^{1,2} Weibing Liao,^{1,3} Hongti Zhang,^{1,2} James Utama Surjadi,¹ Dong Sun¹ and Yang Lu^{1,2*}

¹ Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, China; bogao5-c@my.cityu.edu.hk (L.B.); hozhang7@cityu.edu.hk (H.Z.); jusurjadi2-c@my.cityu.edu.hk (U.S.); medsun@cityu.edu.hk (D.S.)

² Shenzhen Research Institute, City University of Hong Kong, Shenzhen 518057, China

³ College of Physics and Energy, Shenzhen University, Shenzhen 518060, China; liaowb@szu.edu.cn;

* Correspondence: yanglu@cityu.edu.hk; Tel.: +852-3442-4061.

Figure S1 shows the TEM-EDS spot analysis in the HEA. In the nano-sized precipitates and corresponding out part, the averaged atomic content of the Al, Cr, Fe, Co, Ni is 2.81,23.94,24.92,24.91,23.42 and 3.08,24.18,24.68,24.78, 23.33, respectively.

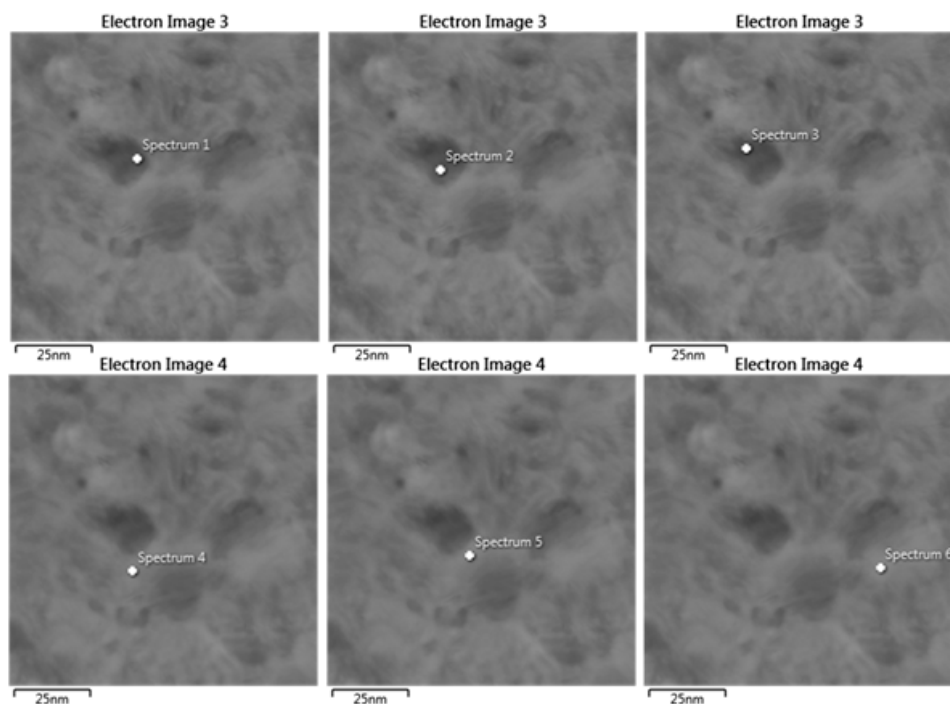


Figure S1. TEM-EDS for the HEA film.