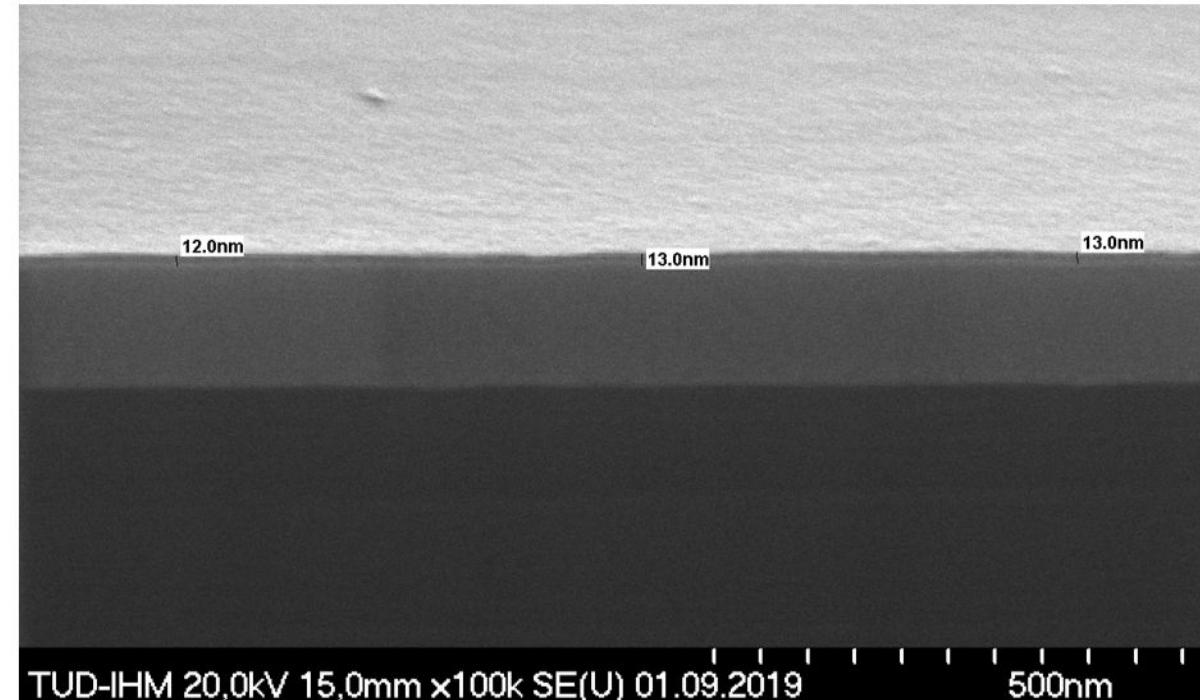


**In vacuo XPS measurements:  
Film composition of Co films deposited with 400 cycles of CpCo(CO)<sub>2</sub>**

a) combined with different plasma gas compositions.

b) combined with H<sub>2</sub>/Ar plasma as a function of substrate temperature.



SEM image of Co film deposited with 400 cycles of CpCo(CO)<sub>2</sub> and H<sub>2</sub>/Ar plasma.