

## Supplementary Materials

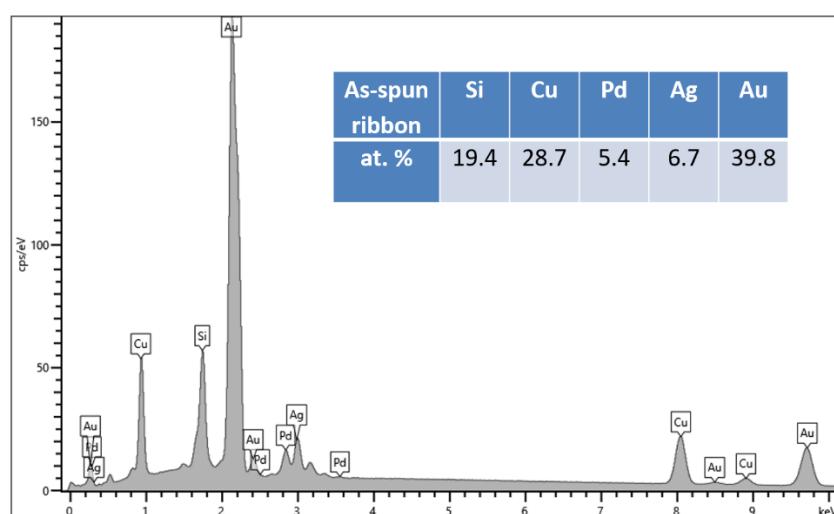
# Electroless Cobalt deposition on dealloyed nanoporous Gold substrate: a versatile technique to control morphological and magnetic properties

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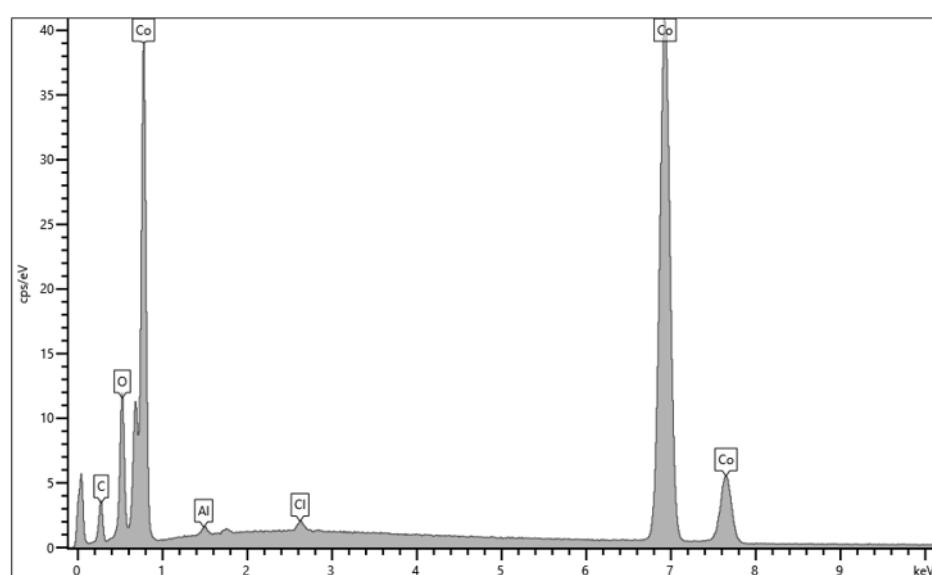
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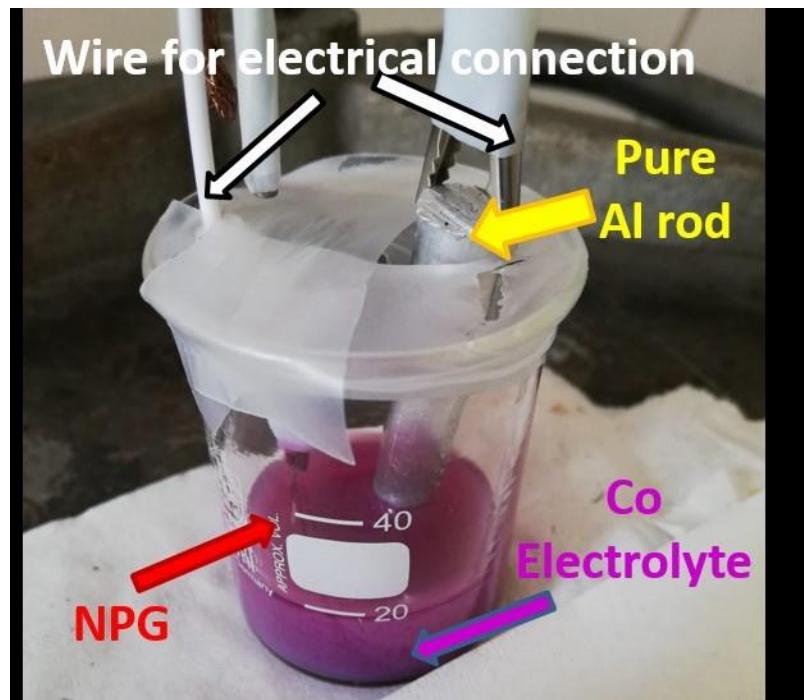
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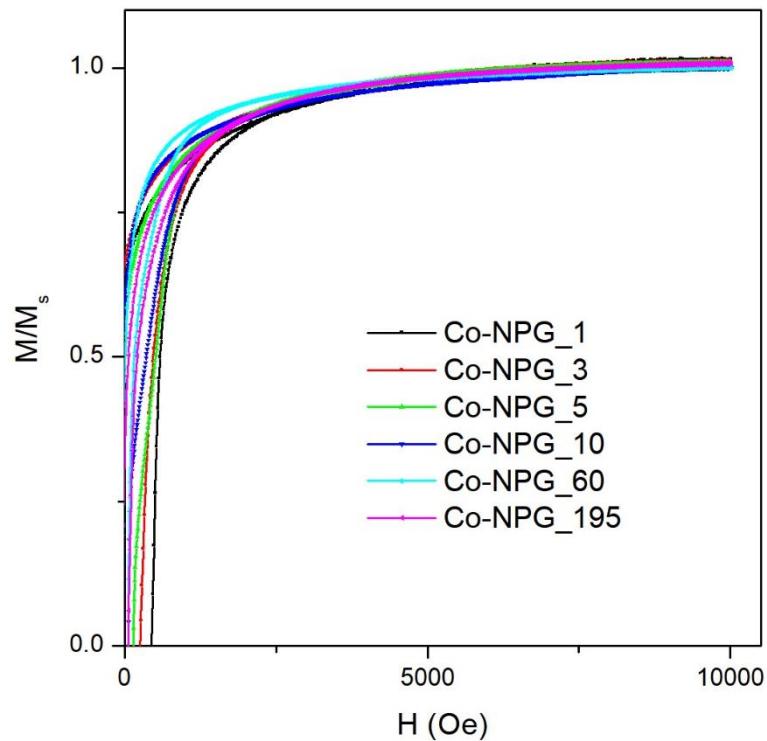
**Figure S1.** EDS spectrum and table with the composition in at.% of the as-spun ribbon. Compositional result is in good agreement with the nominal one.



**Figure S2.** EDS spectrum of the Co-NPG\_195 sample.



**Figure S3.** experimental setup for electroless Co deposition on NPG substrate.



**Figure S4.** High-field magnification of the room temperature hysteresis loops for all hybrid Co/NPG heterostructures.