

Supplementary Materials

Structural and magnetic properties of FePd thin film synthesized by electrodeposition method

Gabriele Barrera ^{1,*}, Federico Scaglione ², Matteo Cialone ^{2,3}, Federica Celegato ¹, Marco Coisson ¹, Paola Rizzi ² and Paola Tiberto ¹

¹ Istituto Nazionale di Ricerca Metrologica (INRiM), Advanced Materials Metrology and Life Sciences, Strada delle Cacce 91, I-10135 Torino, Italy; f.celegato@inrim.it (F.C.); m.coisson@inrim.it (M.C.); p.tiberto@inrim.it (P.T.)

² Dipartimento di Chimica e Centro Interdipartimentale NIS (Nanostructured Surfaces and Interfaces), University of Turin, Via Pietro Giuria 7, I-10125 Torino, Italy; federico.scaglione@unito.it (F.S.); matteo.cialone@uab.cat (M.C.); paola.rizzi@unito.it (P.R.)

³ Departament de Física, Universitat Autònoma de Barcelona, 08193 Cerdanyola del Vallès, Spain

* Correspondence: g.barrera@inrim.it

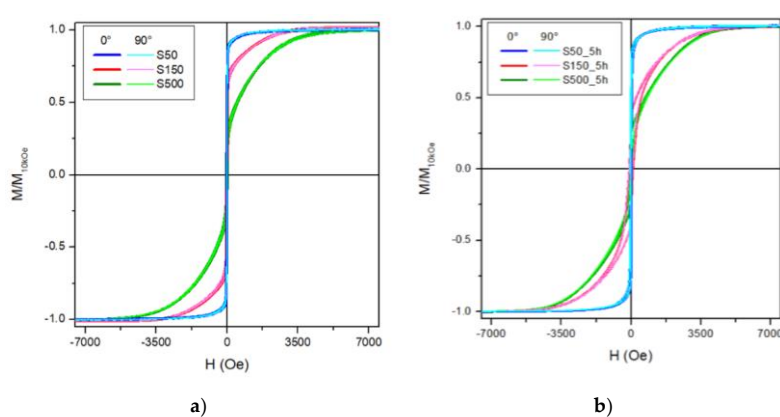


Figure S1. a) Room temperature hysteresis loops of as-deposited samples; b) room temperature hysteresis loops of etched samples in a 2 M aqueous solution of HCl for 5 h. 0° and 90° labels indicate the two orthogonal in-plane directions along which the hysteresis loops are measured.

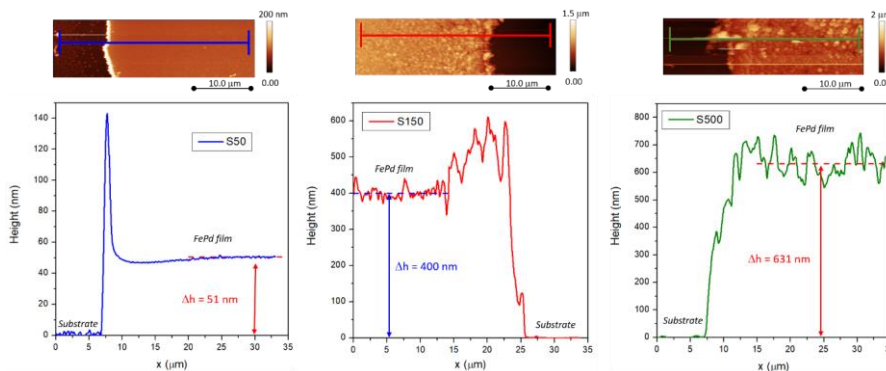


Figure S2. AFM profiles of the step height between the substrate and the electrodeposited S500, S150 and S50 samples.



© 2020 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

Commented [M1]: There is no explanation for a), b) and c) in the figure.