

# Supplementary Information

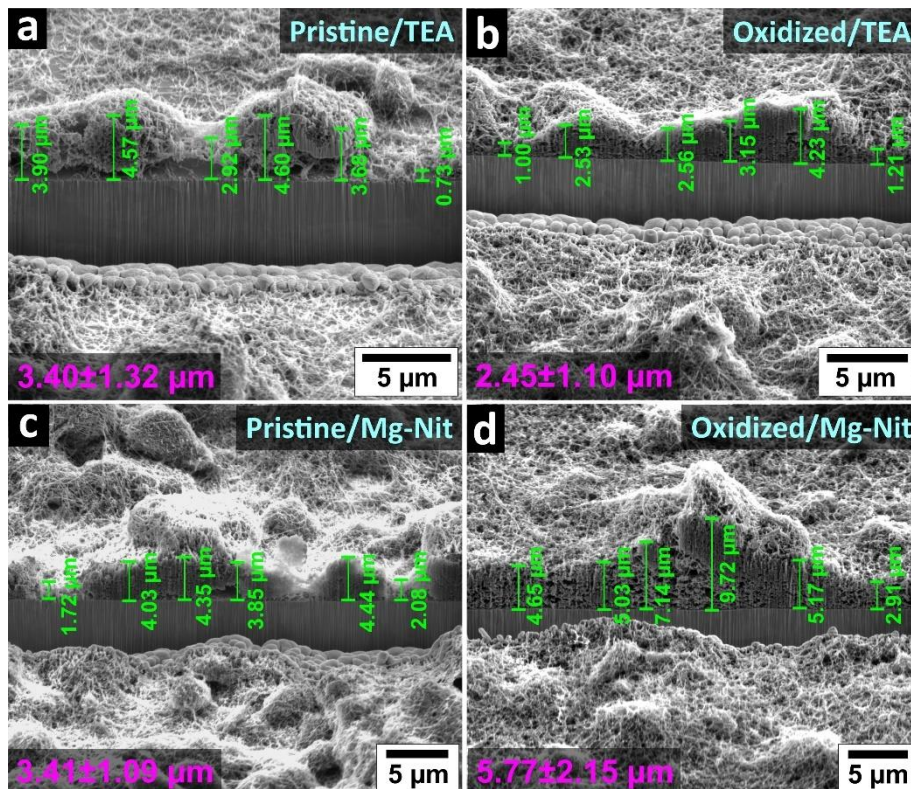
## Parametric analysis of the coating thickness development of electrophoretically deposited carbon nanotube coatings

Timothy MacLucas <sup>a,\*</sup>, Silas Schütz <sup>a</sup>, Sebastian Suarez <sup>a</sup>, Frank Müller <sup>b</sup> and Frank Mücklich <sup>a</sup>

<sup>a</sup> Chair of Functional Materials, Campus D3 3, Saarland University, 66123, Saarbrücken, Germany

<sup>b</sup> Experimental Physics and Center for Biophysics, Campus E2 9, Saarland University, 66123 Saarbrücken, Germany

\* Corresponding author. Tel: +49 (0)681 302-70549. E-mail address: timothy.maclucas@uni-saarland.de,



**S1.** FIB cross-sections of the CNT coatings (without protective coating) after a deposition time of 10 min at 50 V with (a) pristine CNTs with TEA, (b) oxidized CNTs with TEA, (c) pristine CNTs with Mg-Nit and (d) oxidized CNTs with Mg-Nit.