

Cerium (III) based hybrid inorganic-organic thin films by ALD/MLD

Parmish Kaur,^{a*} Arbresha Muriqi,^b Jan-Lucas Wree,^a Ramin Ghiyasi,^c Muhammad Safdar,^c Michael Nolan,^b Maarit Karppinen,^c and Anjana Devi^a

^a *Inorganic Materials Chemistry, Ruhr University Bochum, Germany*

^b *Tyndall National Institute, University College Cork, Lee Maltings, T12 R5CP Cork, Ireland*

^c *Department of Chemistry and Materials Science, Aalto University, Kemistintie 1, 02150 Espoo, Finland*

*parmish.kaur@ruhr-uni-bochum.de

Supplementary file:

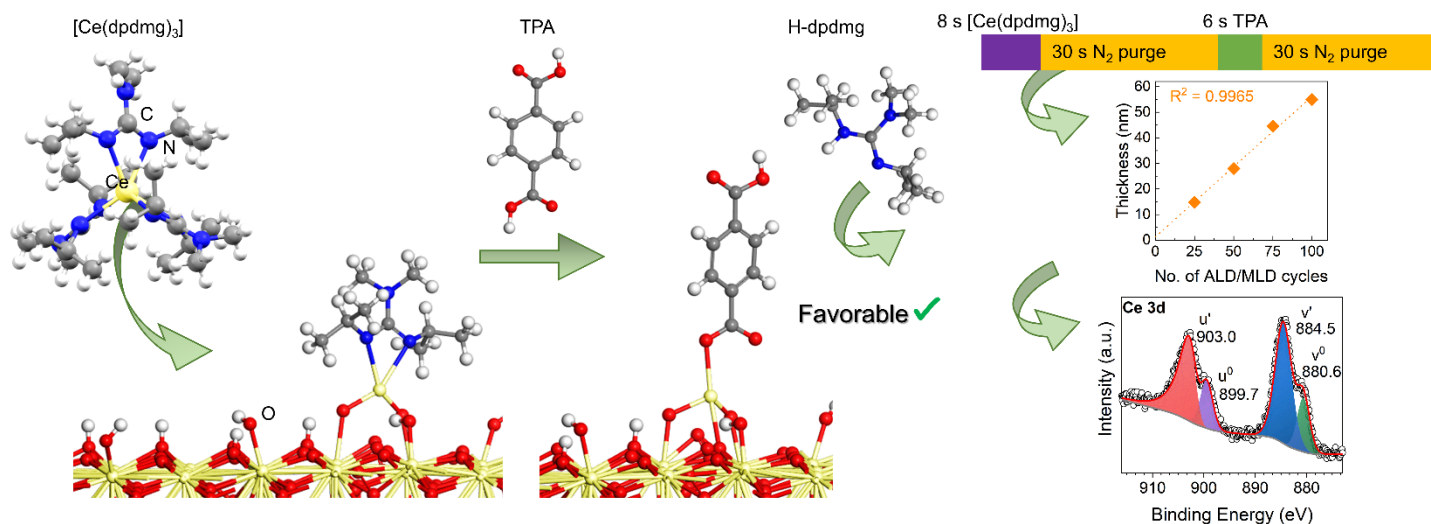


Figure 1: An overview of the Ce precursor, DFT modelling with organic precursor (TPA), Ce-hybrid ALD/MLD and XPS spectra.