

Abstract Submitted
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Mesoscopic Modelling In Organic Spintronics¹ RAYYAN-ISMAIL HANIF², Faculty of Engineering, University of INDONESIA, Depok 16415-INDONESIA — Mesoscopic modeling of complex systems involve thermodynamic nonequilibrium of discrete scaling of entropy reduction +fluctuation, nonlinear dynamics & complexity of self-organized spatio-temporal structure [Zhonghuai Hou: **“Nonlinear Dynamics & Nonequilibrium Thermodynamics in Mesoscopic chemical Systems”**]. “Electron exchange & electron- or photo-triggered electron exchange which are 2 central topic in related fields of molecular magnetism & molecular spintronics through control of an external (optical, redox and/or magnetic) properties in the use of several physics(spectrophysics, magnetic, electrochemical and/or photochemical)”-Maria Castellano SANZ, Dissertation, 2013. Obeys analytical studies of common mechanism of previously named “spinterface” have been forecasted through “mesoscopic physics of electrons & photons” from E. Ackermans & Gilles Montambaux of e.g.the ability to control spin polarization[WJM Naber, Sali Faez & WG van der Wiel: **“Organic Spintronics”** , arXiv:cond-mat/0703455v1[cond-mat.mes.hall], March 19, 2007

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²Of Goa MARIA in Weleri, devotes the ”maria:Latin name of seas” to Prof[asc] Dr. Wilson Walery WENAS, Prodi of Physics ITB

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