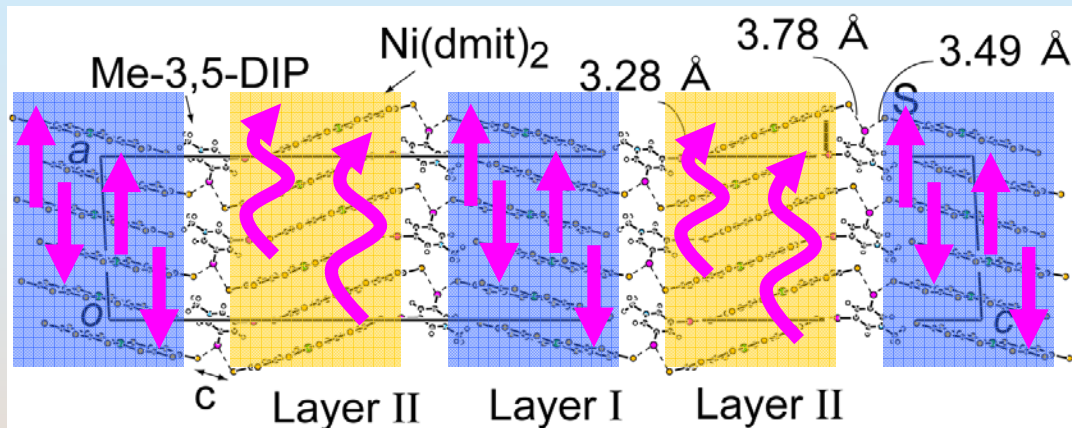
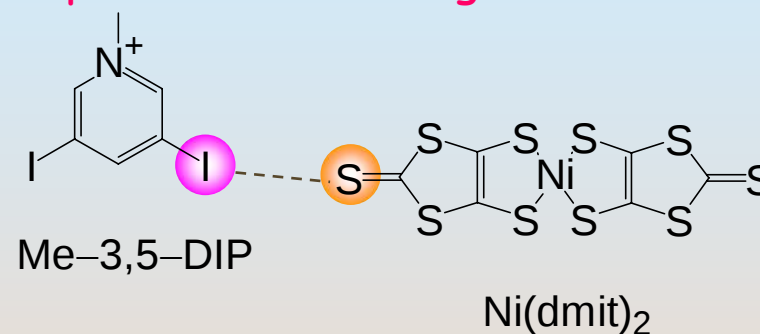


Ni(dmit)₂ Salts Having Both Conducting and Magnetic Electrons Based on Molecular π -Electrons

Y. Kosaka, H. M. Yamamoto, A. Nakao, A. Fukaya, M. Tamura and R. Kato

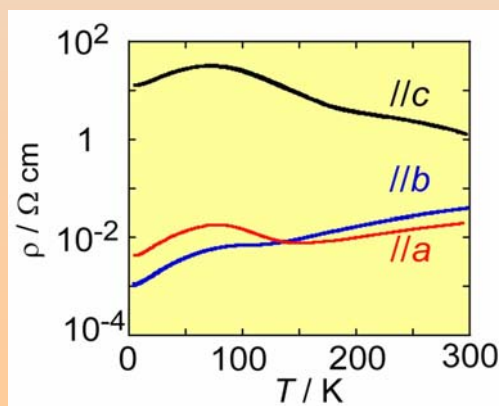


Supramolecular halogen interaction

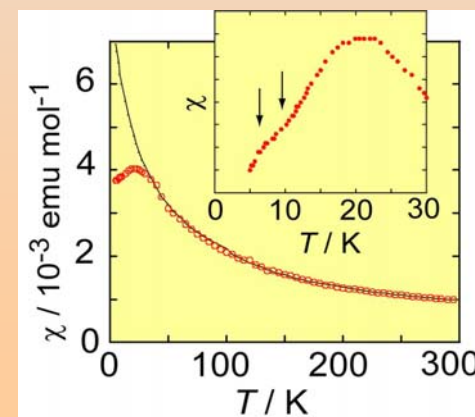


Two crystallographically independent layers
 Layer I Mott insulating state (localized spins)
 Layer II 2D metallic state (conducting electrons)

Resistivity



Magnetic susceptibility



Y. Kosaka *et al.*, *JACS*, **2007**, *129*, 3054