

2D Architectures on Surfaces Assembly and Properties

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2D ASAP research team

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Team and Tools

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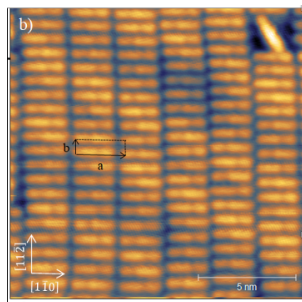
1 VT-STM

1 LT-STM/AFM



Molecular assemblies

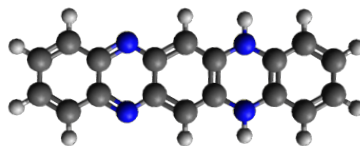
Aza-acenes on metals and oxide films



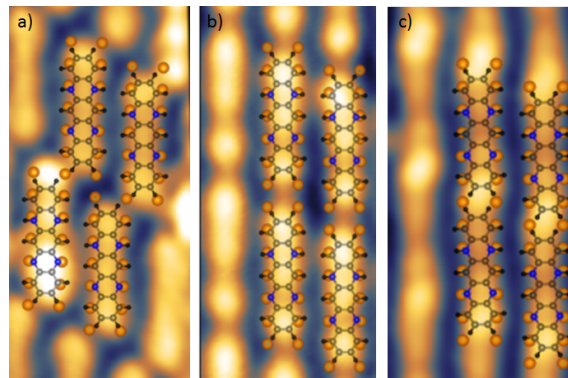
DHAT7 on Au(111)



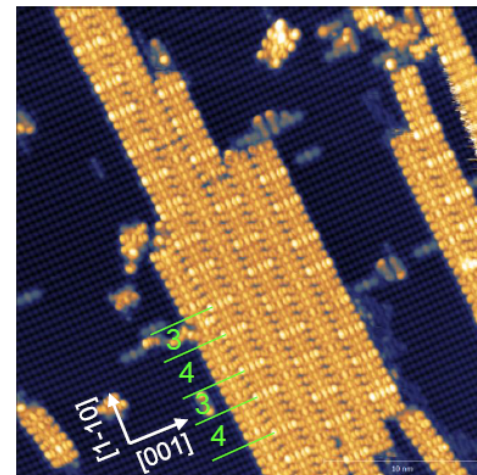
DHAT5 on Au(111)



Dihydropentazapentacene (DHTA5)



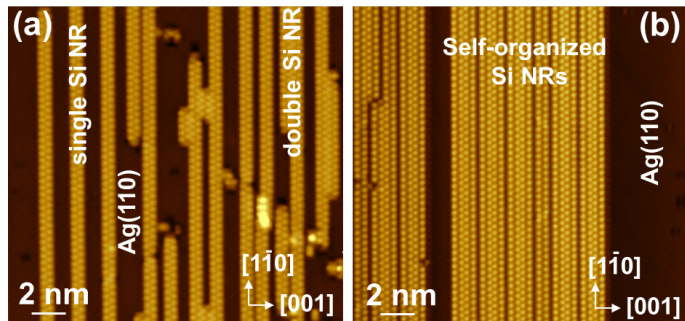
DHAT5 on Cu(110)



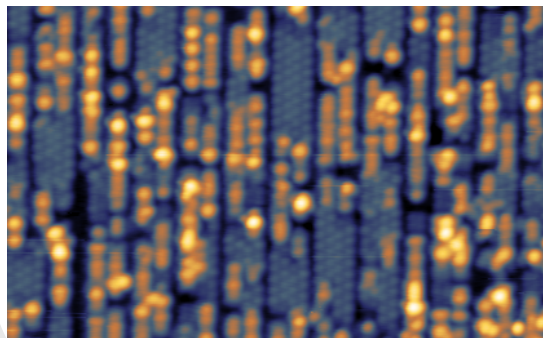
DHAT5 on Cu(110)-(2x1)-O

Template-controlled Growth

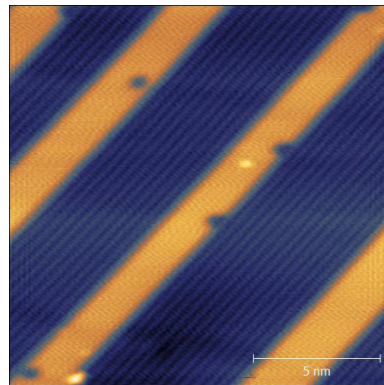
Magnetic and molecular nanowires



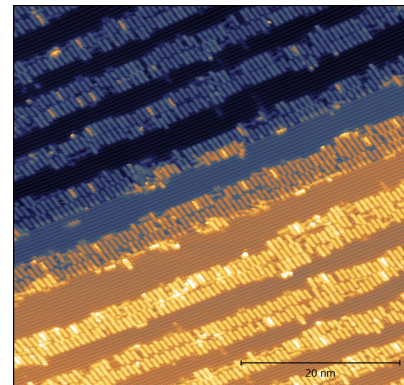
Si/Ag(110)



Co/Si/Ag(110)



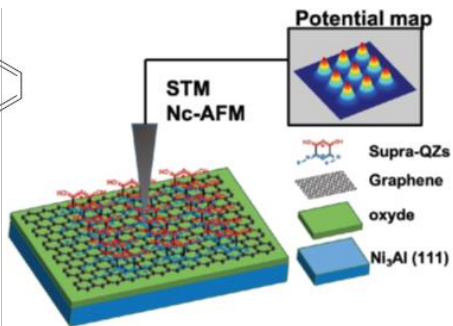
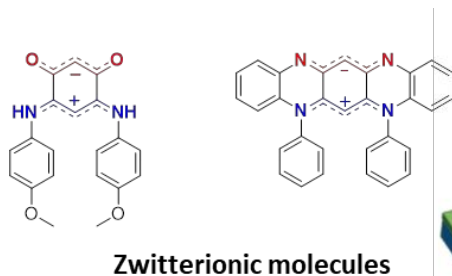
Cu(110)-(2x1)-O



DHTAP/Cu(110)-(2x1)-O

Projects : Functionalized Graphene

Nanosuperlattices



N-Graphene via Ullmann coupling

