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Jan Čechal, 26. 8. 2020

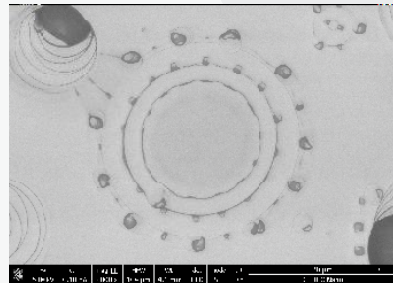
Samples for PETER



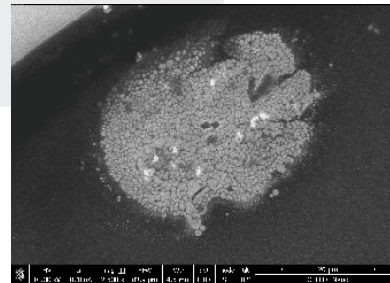
Deposition of MNM

Deposition possibilities in UHV:

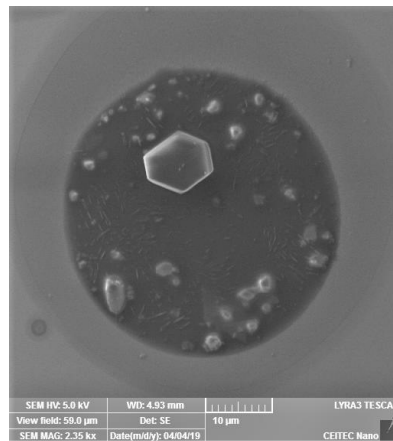
- Thermal evaporation: continuous layers
- “Spitting cell”: isolated microcrystals



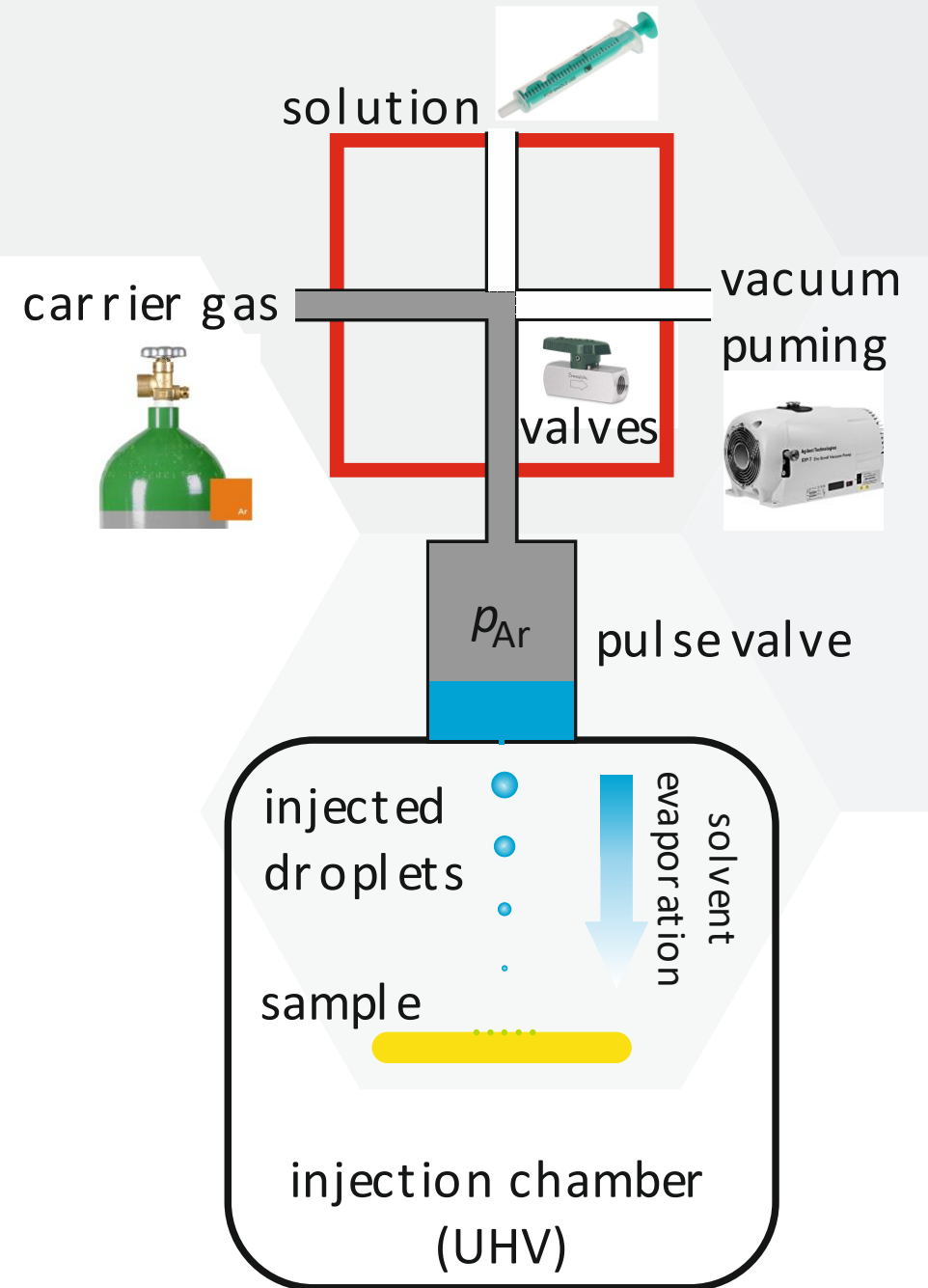
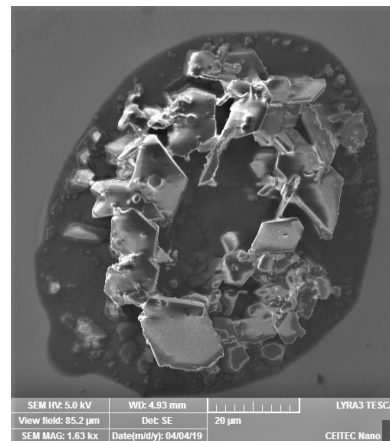
SEM on evaporated dichloromethane droplets on Au substrate



Crystallization of Cu(dbm)2 deposited from 1 mM dimethylformamide solution



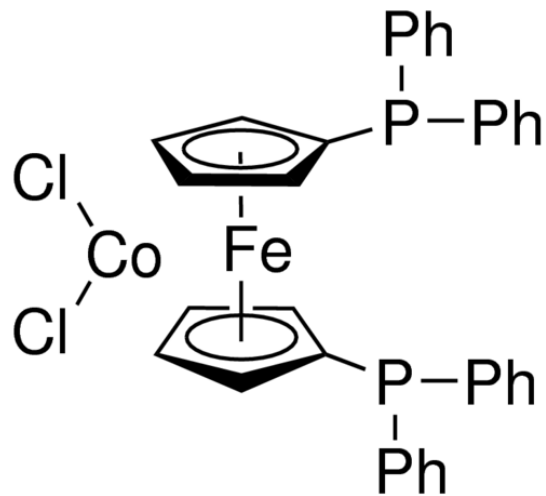
Crystallization of DM18N in the evaporating droplets deposited from 3 mM solution in chloroform



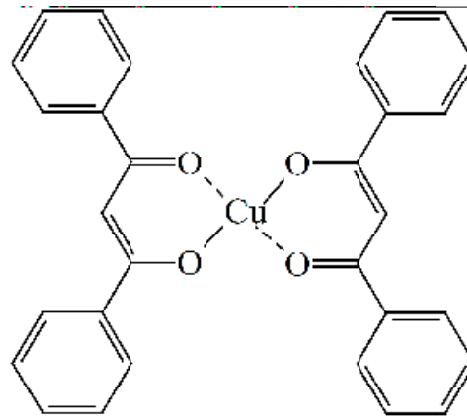
Deposition of MNM

Target molecules:

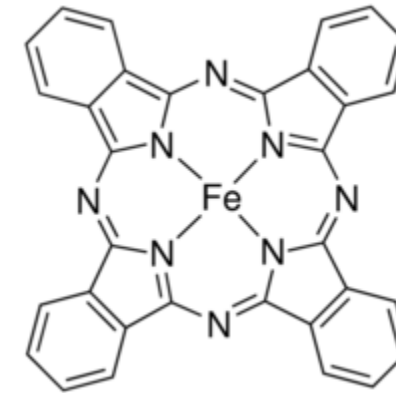
- Tried and failed: DM18N, $\text{Cu}(\text{dbm})_2$
- Under evaluation: FePc



[1,1'-Bis(diphenylphosphino)ferrocene]dichlorocobalt(II) - DM18N



copper(II)dibenzoylmethane [Cu(dbm)2]



Fe phthalocyanine



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