Supplementary Materials:

Predictor packing in developing unprecedented shaped colloidal particles

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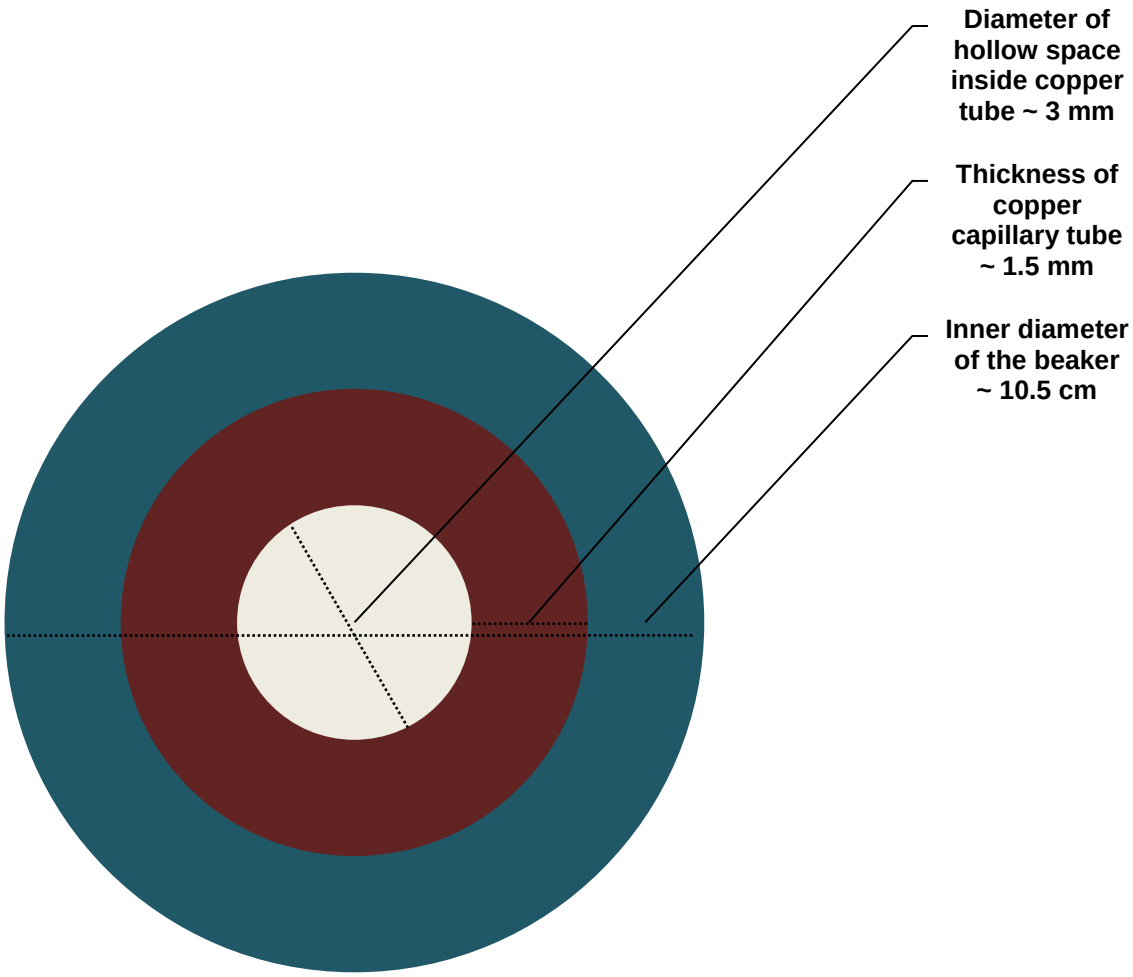

Figure S1: Internal diameter and thickness of copper capillary just placed over the solution surface (~ 4 mm above) in glass beaker having inner diameter 10.5 cm

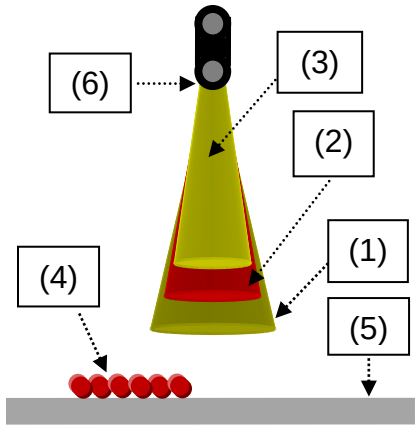

Figure S2: Signatures of (1) packets of nano shape energy, (2) impinging electron streams, (3) high energy photons (in high density), (4) compact monolayer assembly of transition state gold atom, (5) solution surface and (6) points of generating (1), (2) and (3) at the bottom of copper capillary

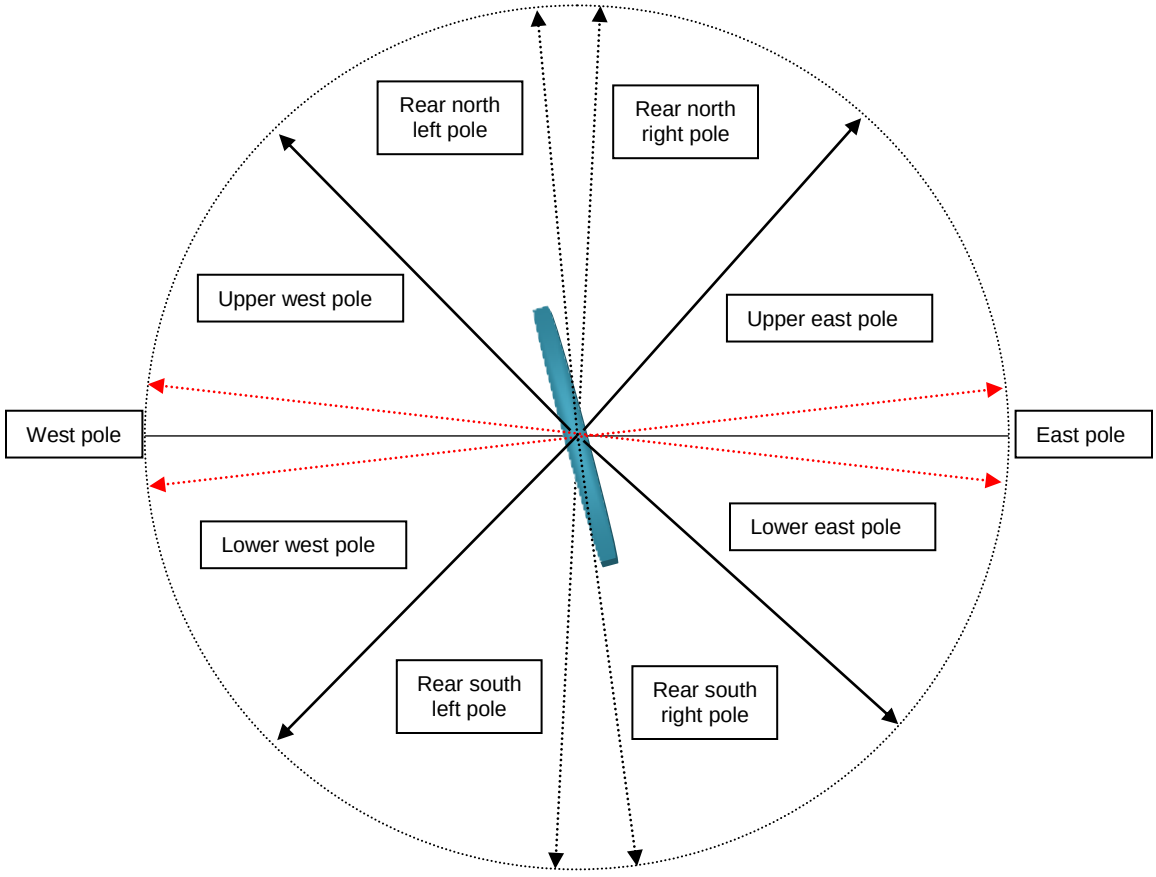

Figure S3: Approximate distribution of surface format axes along with zero-force axes where, along the rear north and south poles, low degree angles packing of triangular-shaped tiny particles resulting into develop rod- or bar-shaped particles

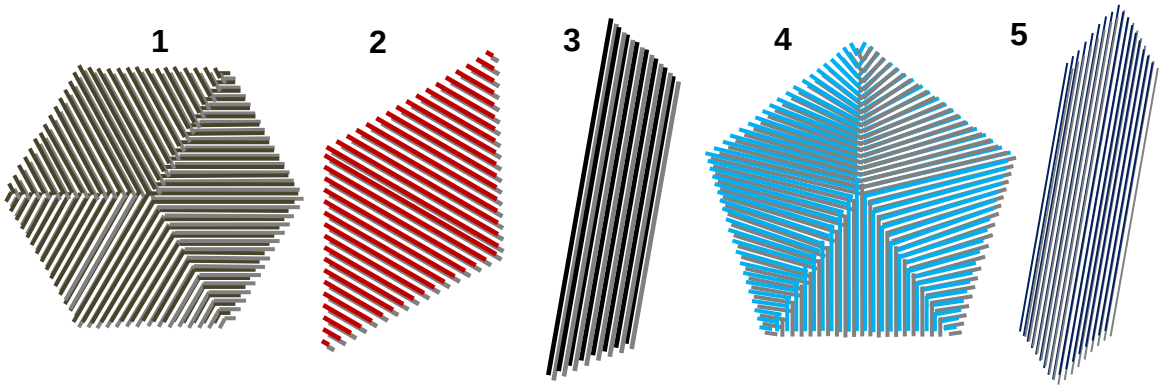

Figure S4: Different shape geometric anisotropic particles developed under predictor packing of triangular-shaped tiny particles where structures of smooth elements assemble in developing (1) hexagonal-, (2) rhombus-, (3) bar-, (4) pentagonal- and (5) rod-shaped particles