

## **CMUV** Size, roughness and porosity control in mesoporous Stöber-type particles





- Modulate the particle surface: change the roughness of the surface.
- The particles can be used in catalysis or biomedical applications
- due to their small size.

[1] Nanoparticulated silicas with bimodal porosity: chemical control of the pore sizes. J. El Haskouri et al., Inorg. Chem., 2008, 47, 8267; doi.org/10.1021/ic800893a [2] Controlled growth of monodisperse silica spheres in the micron size range. W. Stöber et al., J. Colloid Interface Sci., 1968, 26, 62; doi.org/10.1016/0021-9797(68)90272-5