Self-assembly of μEOF in THF-H$_2$O Mixed Solvents
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NNIN Facility utilized: Characterization Facility

- **Research goal**
  - The self-assembly of μEOF in THF-H$_2$O mixed solvents
  - The modification of the multicompartment core as well as the overall morphology
  - CryoTEM as the major characterization technique for the detailed micelle structures

- **Results and Discussion**
  - Multicompartment $\rightarrow$ core-shell-corona $\rightarrow$ mixed corona micelles along THF wt%
  - Disk $\rightarrow$ vesicles $\rightarrow$ worms & spheres $\rightarrow$ elliptical oblate micelles along THF wt%

- **Publications**

PEO: poly(ethylene oxide), hydrophilic
PEE: poly(ethylethylene), hydrophobic
PFPO: poly(perfluoropropylene oxide), hydrophobic & lipophobic