1. How has the size range of an optical microscope (OM) changed over the years?

2. What are the advantages of OM over SEM?

3. Contrast bright-field & dark-field microscopy.

4. Contrast imaging & scanning modes of surface analysis for particle size distribution.

5. Why is visibility poor in foggy conditions?


7. Can you infer particle size distributions from suspension turbidity alone?

8. What is the relevance of various “X-mean diameters”?

9. As sizes shrink, why do light-scattering based methods lose their utility?

10. How can above problem be addressed, without resorting to microscopy?