

## Microsymposium

**MS89.O02**

### *X-ray powder diffraction for charge density studies*

J. Als-Nielsen<sup>1</sup>

<sup>1</sup>*H.C.Ørsted Institute, Universitetsparken 5, DK 2100 Copenhagen, Denmark*

Issues concerning optimal powder diffraction at synchrotron sources for charge density studies will be discussed. These include beam qualities (energy, bandwidth, brilliance, flux) as well as sample environment (vacuum, capillary, temperature) and detector type (image plate, crystal analyzer). Simple on-line analysis in obtaining structure factors will be presented.

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