



	Experiment title: Influence of gel forming processes on the organization of phospholipid monolayers	Experiment number: SI 614
Beamline: ID 10b	Date of experiment: from: 8/11/00 to: 14/11/00	Date of report: 26/2/02 <i>Received at ESRF:</i>
Shifts: 18	Local contact(s): Bernd Struth	
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Report:

Abstract:

The formation and structural evolution of two-dimensional amphiphilic monolayers on a liquid mineral sol undergoing a sol-gel transition have been studied by surface X-ray scattering techniques. The gelation process is accompanied by the formation of a single layer of mineral particles beneath the surface, inducing a reorganization of the lipidic monolayers.

PACS numbers: 61.10.Kw, 68.18.-g, 82.70.Gg

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