**La-010** Room: C401 Time: June 8 17:00-17:15

## Deformation behaviors and microstructures in quartz deformed under low temperature condition

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Detailed obsevation of microstructures in quartz deformed under low temperature conditions have been done. The microstructures developed in quartz suggest that deformation behavior of quartz under the conditions is highly anisotoropic. The usefulness of morphology of kink bands as indicators of differential stress level and strain hardening of quartz aggregate has been discussed.