

**J171-001**

**Room: Exhibition hall 7 sub**

**Time: May 21 9:00-9:15**

## Object tracking for the weather imagery by temporally continuous mixture model estimation

Mitsuhiro Ishizu[1]; # Rie Honda[2]

[1] Math and Info., Kochi Univ.; [2] Information Sci., Kochi Univ.

The object tracking method for the spatio-temporal image database was developed and evaluated by using MTSAT-1R weather imagery. The temporally continuous mixture model estimation via EM algorithm and the model selection by BIC was used.