Collaboration Support by Ubiquitous Intelligence and Web Intelligence

We have been developing a collaboration support system targeting on event spaces since 2002 because event spaces have rich contents and interactions among certain interest groups and myriad sub-communities. We have been developing the integrated system by elaborately fusing web support systems based on cyber world interaction and onsite support systems based on real-world interaction. Users can easily and peacefully interact with both the support systems seamlessly causing collaboration among users more active. This is because the system is designed not to rob personal information secretly but to return greater benefit to the user as he/she wants.

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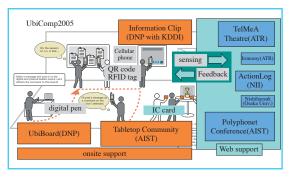


Figure 1: Integrated System for Ubicomp2005.



Figure 2: Tabletop Community : network feedback with multimedia data.

Geological Survey and Applied Geoscience

Geological evidence of repeated giant Chile earthquake

Although the time since the preceding earthquake spanned 123 years, the estimated slip in 1960 Chile earthquake, which occurred on a fault between the Nazca and South American tectonic plates, equalled 250-350 years a worth of the plate motion. Geological record shows that the penultimate event occurred during 1575, and the average interval between giant earthquakes on this fault spanned 300 years. Two later earthquakes, in 1737 and 1837, produced little, if any, subsidence or tsunami at the estuary and they therefore probably left the fault partly loaded with accumulated plate motion that the 1960 earthquake then expended.

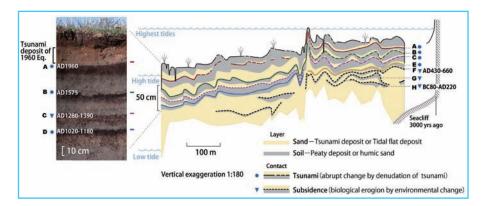


Figure: Geological profile obtained from excavation survey, and radiocarbon ages of buried soils.

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