

2011-07-30, 10:05 Sat

10:40

New name for FG SDCs; "SNOOPS" = snoops (lower case, as with nee)

Nanoscale network of synchronized clocks with individual memories of events? (Not shorter? But descriptive, and could provide a shorter name or acronym.) NANO = Nano-scale Archiving Network of ~~Observer~~ Observers?

SNOOP = Synchronized Network of Observing Particles?

That last one is "too cute," as they say, but also surprisingly accurate, both in the description and in the resulting English interpretation of the acronym. (I changed "Observer" to "Observing" since these can be very, very simple particles, e.g. muons that "observe" the flow of time by decaying.)
^{using} "particles" is nice because it instantly implies that ~~it is not required~~ ^{it's} the network can be of almost any density, from an exceedingly sparse scattering (by solid matter total-mass standards) of muons to neutronium in a collapsed star.

"Synchronized Network" is nice because it exactly captures, in modern ("Network") terminology, Einstein's original concept of the transitive closure of his two-clock synchronization protocol (operator).

And of course, "Observing" implies both participation in spacetime events (only collisions will be allowed; the remote-observation nonsense - and it really is - will ~~not~~ be used due to its inherent ambiguities.

~~Remote observations~~ will be replaced in all cases by local contacts with observing particles to give irreversibly causal results, followed by time-stamped collection and subsequent analysis by a compact intelligent observer of all events that "occurred" at a single "time" (that is, across a purely space-like region).

10:39

Terry Bollinger
 2011-07-30, 10:41 Sat

[2011-07-30.10:05 Sat> [10:40]
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