

# Re: twins versus quanta collapse

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- *From:* "N:dlzc D:aol T:com \(\dlzc\)" <dlzc@xxxxxxx>
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Dear beda pietanza:

"beda pietanza" <beda-pietanza@xxxxxxxx> wrote in message  
<news:1174744535.872666.268480@xx>

....

Change whatever is bothering you about photons (and  
all other quantum objects) having both wave and  
particle natures.

Not this bothers me about QM, but the collapse of  
wave function: two entangled photons where the  
detection of A determine the outcome of B: this, if  
really happens,

It does. It does FTL... and near as we can measure,  
instantaneously.

then there must be a hidden cause that links the  
two since the generation of the two entangled  
photons, the detection of one of the two should not  
have effect on the other aside to show how the  
entanglement has fixed the two from the begin.

I would submit the "hidden cause" is our forgetting the wave  
nature of all quantum objects. Because we assume we have  
"separated" the two objects, this bizarre behavior springs up.  
Spacetime is only a problem for macroscopic systems... quantum  
objects don't care for / about spacetime. "Separation" is just  
us measuring ourselves again, beda.

David A. Smith