Antiparticles might go backwards in time,
i.e. they'd perceive time going the other way.

We physicists are pondering this, but
a.f.a.i.k. there exists *not a single piece of evidence* that either ***confirms*** or ***falsifies*** it.

Therefore, I ***cannot accept*** *it*
as an ***ascertained truth****,*
nor reject *it, claiming it's a* ***falsity****.*

However, I ***can*** consider it, although:

Assumptions *always* sprout from *nescience*,
hence, they have *nothing* to do with *science*.

Albert Einstein:

Mein Weltbild (Amsterdam: Querida Verlag, 1934).
Kapitel: *Zur Methodik der theoretischen Physik*.

Durch bloßes logisches Denken vermögen wir keinerlei Wissen über die Erfahrungswelt zu erlangen; alles Wissen über die Wirklichkeit geht von der Erfahrung aus und mündet in ihr. Rein logisch gewonnene Sätze sind mit Rücksicht auf das Reale völlig leer.

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*Door **pure logica** verkregen uitspraken zijn met betrekking tot de werkelijkheid **volkomen leeg**.*

Pure logical thinking cannot yield us any knowledge of the empirical world; all knowledge of reality starts from experience and ends in it. Merely logically obtained propositions are with regard to reality completely empty.

Aren't past

observed phenomena

events of which we say

we **KNOW** them**?**

The past is known!

It's a collection of ***certainties***!

Consider β^+ decay.

A proton ejects a positron.

Shouldn't the nucleon thereafter
consider this positron emission
a ***past event***?

Suppose it were ***true***
that *antiparticles*
perceive time in reverse order.

Wouldn't said *emission* event then,
from the positron's point of view,
be its *absorption* by the neutron?

Wouldn't this positron, when still alive,
then consider this a ***future*** event?

Wouldn't this ***absorption*** then occur with the *very same certainty* ***WE*** already have about the ***emission***?

Wouldn't ***ITS*** ***future*** then be a ***certainty***?

Similarly:

Wouldn't the event ***WE*** call its ***future absorption*** then from ***ITS*** perspective be its ***past emission***?

Wouldn't ***ITS past*** be
just as certain to ***IT***

as how ***OUR*** past
is ***certain*** to ***US***?

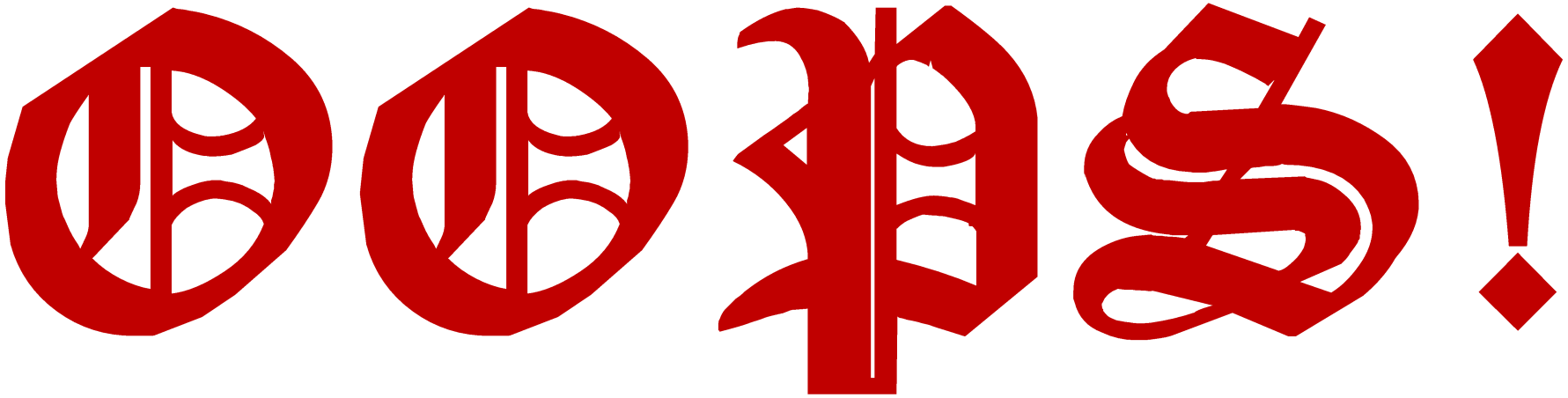
Wouldn't ***OUR future*** then
be a ***certainty*** as well?

IF *antiparticles* would
perceive time in reverse order,
then ***our future*** would be
just as certain as our ***past***.

Probably ***not*** to ***us***,
but unquestionably to
Mother Nature.

What about Quantum Mechanics in this regard?

Can't the future be *totally* ***certain*** to nature, yet *fully* ***unpredictable*** to us?



I forgot the neutrino that was emitted together with the positron...

Shouldn't it "arrive" at the absorbing neutron at the very same point in time as said positron?

But isn't it a ***normal*** *neutrino* going in the ***normal direction*** *of* ***time***?

Wouldn't this simply
falsify said scenario?

Wouldn't this imply
antiparticles do not perceive time in the reverse direction?

And what about a gamma photon?
Well, isn't that its own antiparticle,
experiencing zero time?