



## Cosmic Alchemy

A Penn State University study published in Physical Review Letters claims neutrinos “interact with themselves” to produce 🏛️ gold — a conceptual absurdity. A philosophical .investigation







(XXXXXXXXXX XXXXXXXX  $\times 100$  XX XXXX XXXXXXXX XXXX XX CsI XXXXXXXX)

:XX XXXXX XXXXXXX XXXX XX 'XXXXXX' XXXXXXXX  $N^2$

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#### .4.1 XXXX

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▶ XXXXXXXXXX XX XXXXX XXXXXXX XXXXXXX XXXXXXXXXX XXXX :XXXXX XXXXXXXXXX  
XXXXXXXX XX XXXX (XXXXXXXX XX COHERENT) XXXXX XXXXXXX XXXXXXXXXX  
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#### .4.2 XXXX

XXXXXX XXXXXXXXXX XX 'XXXXXXXX XXXX XXXX' XX XXXXX XXXXXXXXXX

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'XX

▶ XX XXXXXXXXXX XXXXXXX XXXX XXXXXXX XXXX XXXXXXX XXXX :XXXXXX XX COHERENT  
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