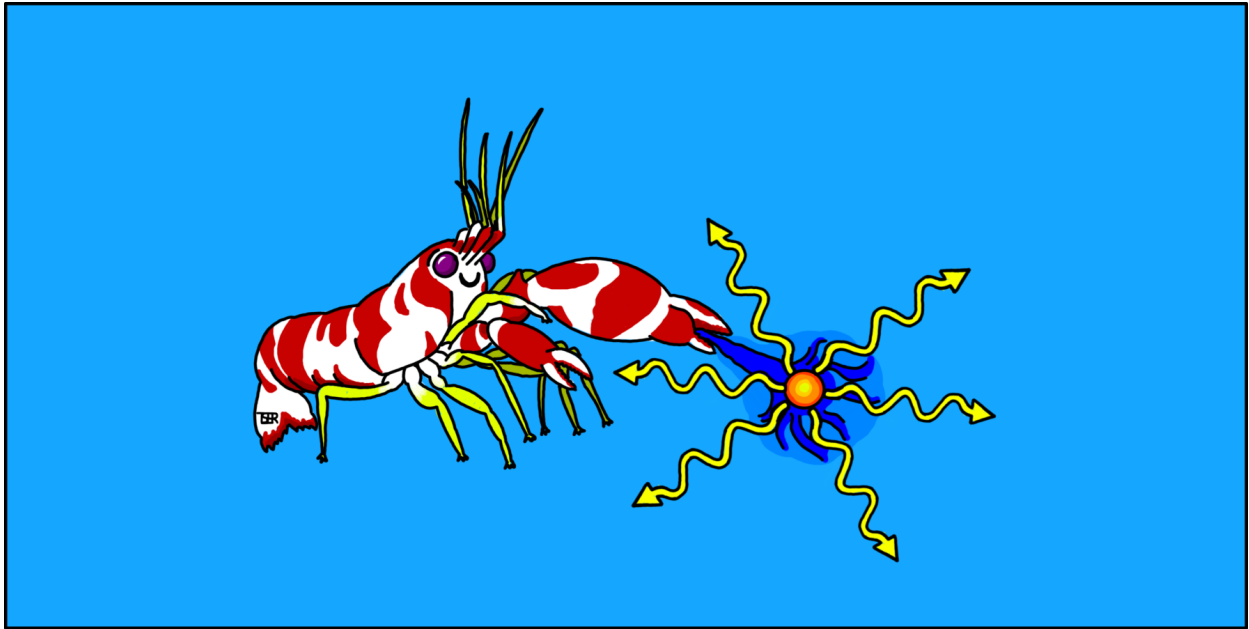


On the Origin of Shrimpluminescence

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I. QED

the ref [1] has lots of good refs. they have follow up papers extending Schwingers papers (which are refd therein) and referencing a bunch of other relevant literature. I should look for refs citing Schwingers paper to try to figure out the modern state of the art of this thin.

II. MODELLING

in the ref [2], they use MD to modelling the equation of state for a collapsing bubble. they calculate the temperature and study the conditions for emitting light.

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- [1] S. Liberati, M. Visser, F. Belgiorno, and D. Sciama, Sonoluminescence as a qed vacuum effect: probing schwinger's proposal, *Journal of Physics A: Mathematical and General* **33**, 2251 (2000).
 - [2] D. Schanz, B. Metten, T. Kurz, and W. Lauterborn, Molecular dynamics simulations of cavitation bubble collapse and sonoluminescence, *New Journal of Physics* **14**, 113019 (2012).