

# A new addition to the Stellar Metamorphosis. The MERLIN hypothesis

Ben S. Dover, Micheal T Hunt and Christopher S Peacock

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## Abstract

Assumptions are the basis of astrophysical processes. The fitting of microscopic-theories such as nuclear and quantum physics into macro processes like stellar evolution is akin to modelling wood to describe the basic function of a garden shed. Recently a new model of planet formation has been proposed by Amrinder Singh which helps do away with baseless assumptions of modern physics. Here we propose a new addition to the hypothesis which we've nicknamed the MERLIN hypothesis.

## 1 Introduction

The current accepted theory of the sun is that nuclear reactions generate fire to produce the energy given off by the sun. These fusion reactions produce the hydrogen required to make helium but don't account for the coronal heating problems and the lack of oxygen required for combustion.

## 2 MERLIN hypothesis

Matter ElectRomagnetic Logarithmic Induction of Nucleosynthesis (MERLIN) addressess all of these issues and raises new questions that 'modern' physics can hope to answer in the coming future. This paper suggests that a being which we term as a 'Sun Wizard' induces nuclesynthesis in the Sun's lifetime. The following axioms hold for this Sun Wizard.

- The Sun Wizard is mortal however he cannot be harmed.
- The Sun Wizard is invisible
- The Sun Wizard can cast all manner of spells.
- The Sun Wizard thinks Gandalf is shit
- The Sun Wizard's twitter profile is @xxMerlinwiz420smokesweedlovesBlink182xx

The wizard exists in the core of the star and continually produces energy from his magical tomes of great knowledge, these magical energy is usually seen as rays emitting from him in diagrams, see Figure 1. The coronal heating problem can be solved via reinterpreting it as a casting magic missile from the core with

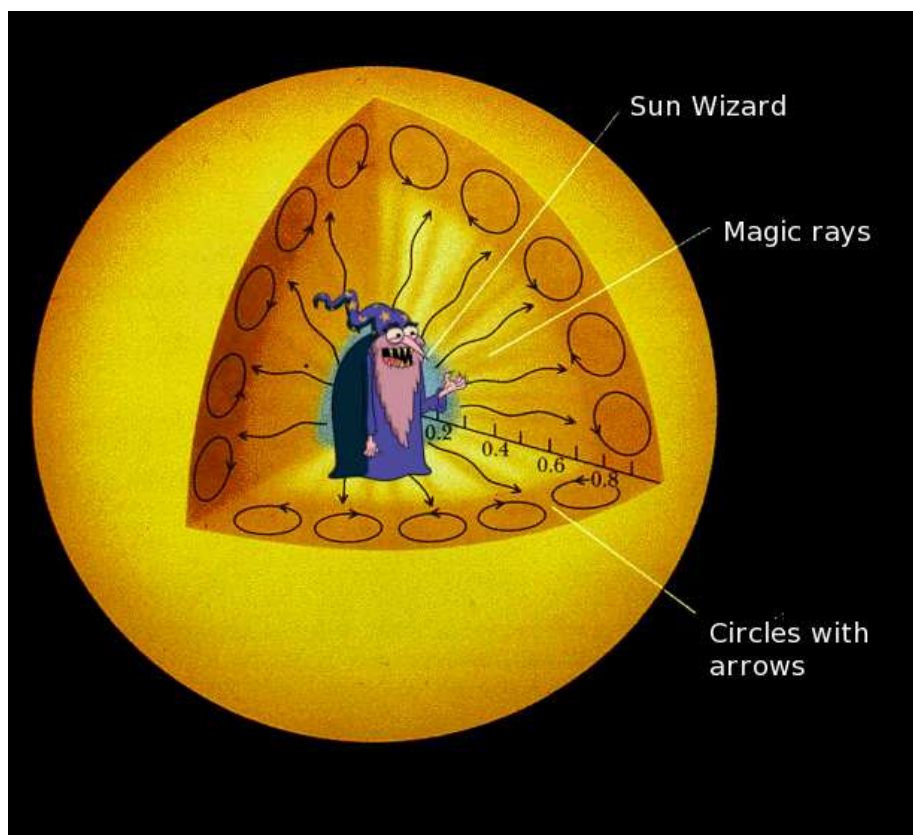


Figure 1: A cross-section of a typical star

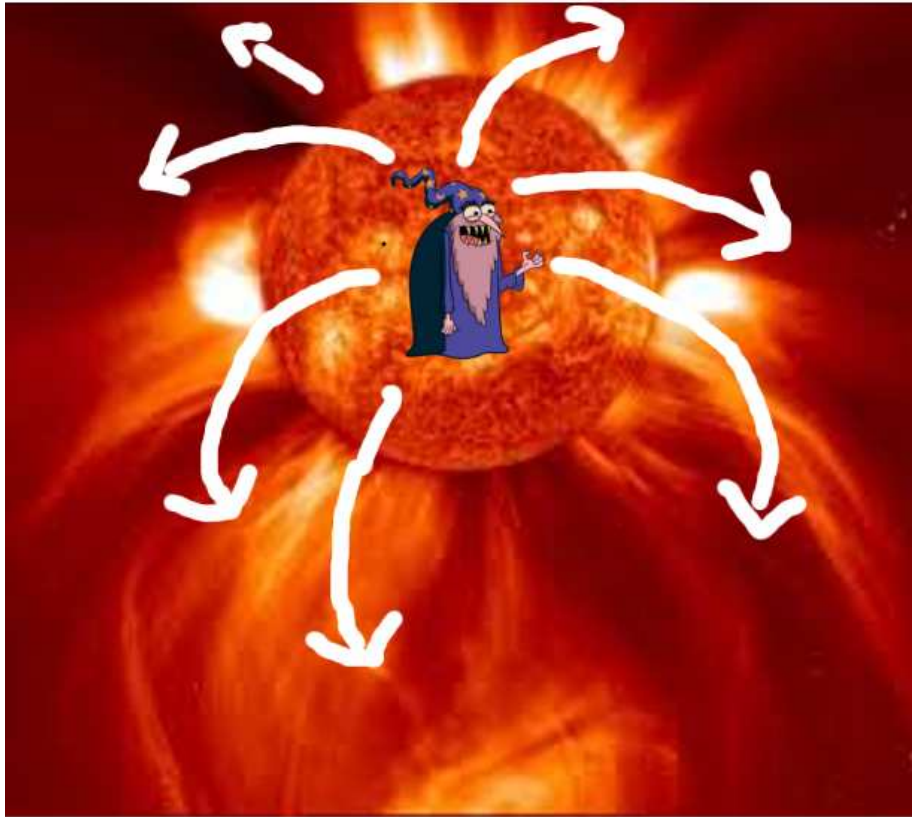


Figure 2: The coronal heating process

the shockwaves producing heat when it leaves not unlike a sonic boom heard when an aircraft hits the sound barrier (the barrier here being space), Figure 2 shows this process. Lastly when the wizard's life ends it enters a cocoon state which makes it harden turning into a planet, see Figure 3 for this process. The question raised by this theory are interesting, why does the sun wizard use magic missile? How is this wizard formed? And how do they get the figs into fig-rolls? Only science can answer these questions.

### 3 Conclusion

See above. If you don't believe this then Modern Physics has brainwashed you too far and you're one of the sheeple wake up.

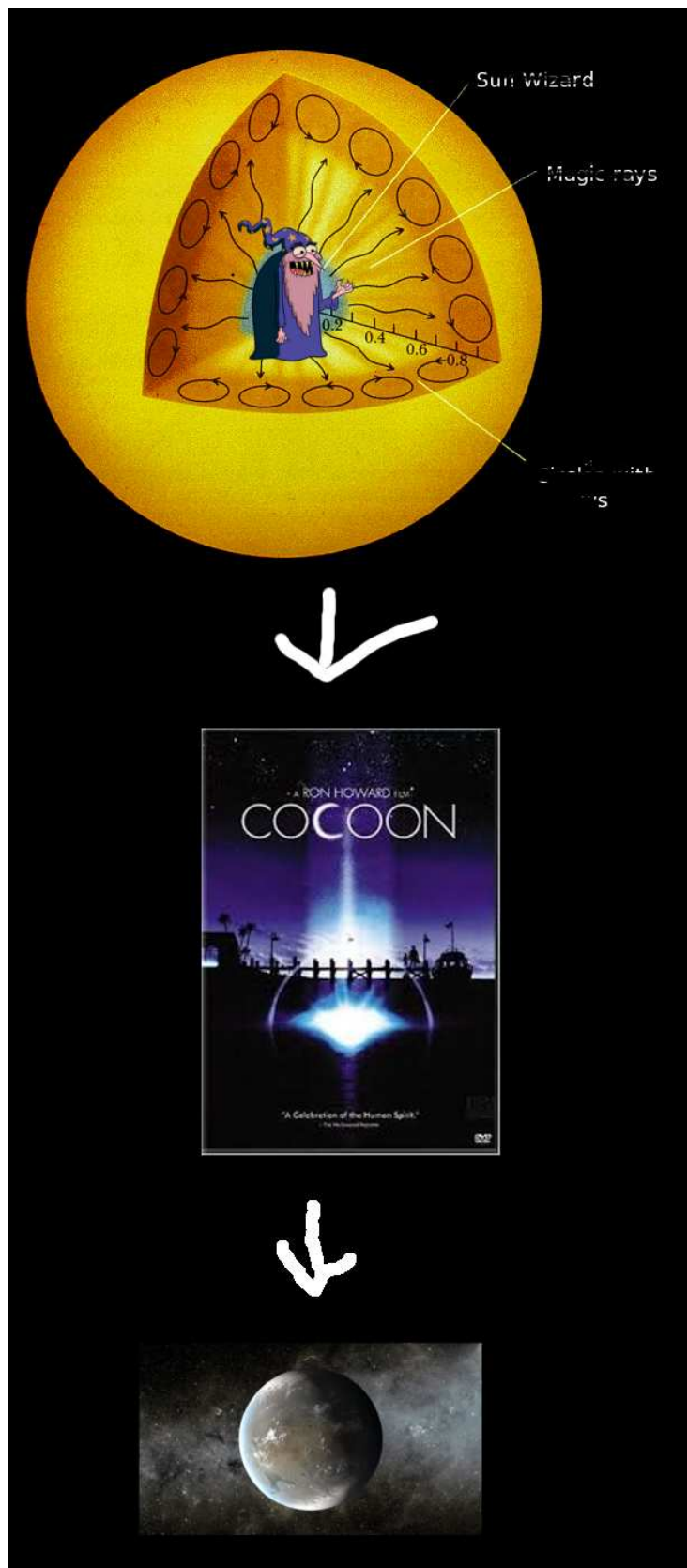


Figure 3: Evolution into an exoplanet