

EJTP V12, No 35. Breaking Bad (News)

EJTP returns to its readers with a new load of good Physics choice after careful debate. We believe in science as an intellectual craft, and willingly pay the price of our freedom.

I will not focus here on every single contribution, but, for personal reasons, I want to signal the opening paper of Pisin Chen and Hagen Kleinert on foundational issues of Quantum Mechanics. The interest of the two scholars so committed on the edge at advanced astrophysics and particle physics reminds all of us the importance of not forgetting the foundational work, where the feet of our theories are based. It will be necessary to go beyond the standard model in the direction of quantum gravity. On this side we also find Khorasani, Fiscaletti, Novikov and Hansson, The latter two from the perspective of General Relativity, whereas Addazi, Damanik and Triantaphyllou take a look beyond the Standard Model.

Our cover is not only a tribute to a enormously successful TV series, “Breaking Bad” by Vince Gilligan. As is known, the nickname of the protagonist, the chemist Walter White, is “Heisenberg”. This indicates how much science has penetrated deeply in the collective imagination, until a few years ago, the spectator reaction would be: “Heisenberg who?”. However, this provides a starting point for further reflections. In the story Walter is forced to use its sophisticated chemistry to survive, becoming a cog in the criminal system.

How much actual freedom is given to the individual scientist in the production system, today? We do not just talk about technology, but also of science entertainment, media science, made of few dominant theories “not even wrong”? Science is still a collective enterprise, slow and difficult, critical and speculative, or is it the new met?

Ignazio Licata, EJTP Editor
Ammar Sakaji, EJTP Co-Editor

