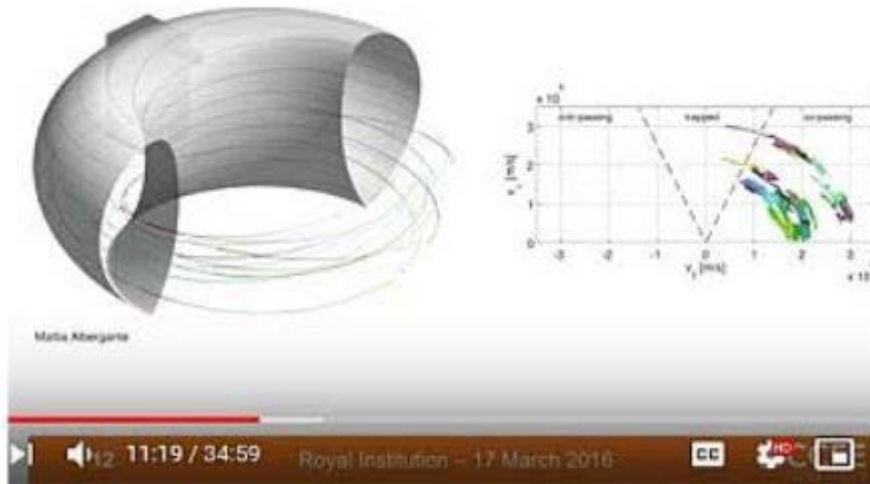


Can you make ITER burn like a candle?

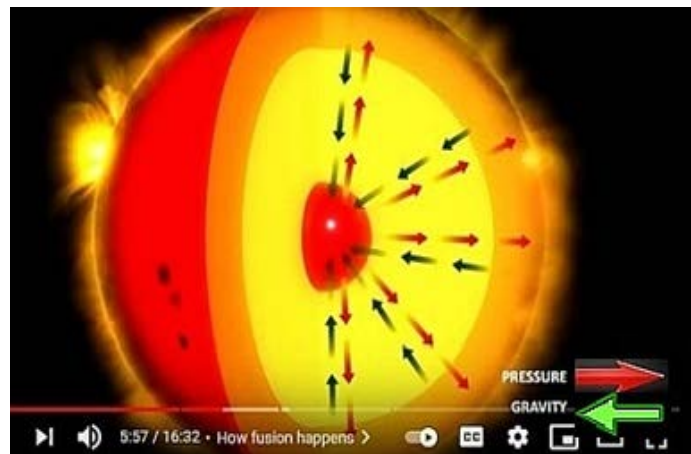
Confined Particle Orbits



The proponents of so-called [ITER](#) hope to reproduce the effects of “apples” ([quantum tunneling](#)) with some *very hot* “oranges”, and they want **over €22 billion** – our money taken from our taxes – to get their Barbie.

Are we so stupid and gullible?

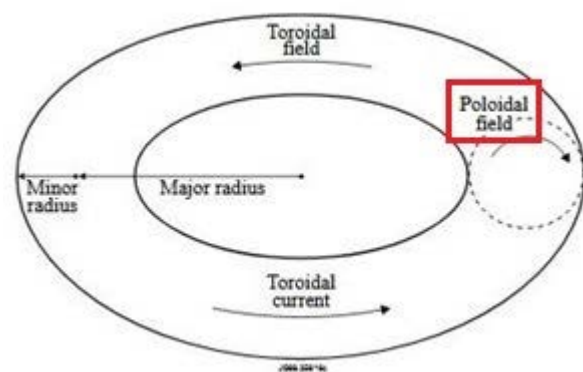
To begin with, the crucial effects from quantum tunneling ([Wikipedia](#)) *cannot* be substituted with a pressure cooker. The confining force of Sun’s gravity is *completely different* from the [attractive force between planets](#). Forget the pressure cooker. It’s not even wrong. You need [quantum gravity](#).



NB: The proponents of so-called **ITER** have to deliver a fully controllable cycle ($t_1 \rightarrow t_4$), such that ITER will *pulsate* with particular frequency:

1. **Burst of nuclear fusion** at t_1 .
2. Distortion of the parameters of the plasma at t_2 .
3. Full recovery of the conditions prior to t_1 .
4. Next burst of nuclear fusion at t_4 .

Regarding the confined particle orbits: what can you suggest to enhance the **transversal rotation** of the **plasma donut**?



See the “confined” orbits [above](#) Fig. 3.1 at p. 13 by [John Wesson](#)

What “**poloidal**” field could possibly bootstrap the rotating plasma *en bloc* to create the fully controllable cycle ($t_1 \rightarrow t_4$) [above](#)? Can you create a **standing wave** that will “pulsate” with the frequency ($t_1 \rightarrow t_4$) [above](#)? And even if you reshape the design of ITER and implement my suggestion, what can you expect to achieve? It’s a gamble based on the *unknown* unknown.

The fact of the matter is this: there is no way to reproduce the effects of “apples” (**quantum tunneling**) with some **very hot** “oranges”. Forget it.

Billions and BILLIONS of euros — our money earned with hard labor — will be wasted. There is nothing I can do to stop this **pathetic exercise**. Sorry.

D. Chakalov

chakalov.net

2 February 2022

Last update: 9 February 2022, 22:35 GMT



Dimi Chakalov <dchakalov@gmail.com>

Re: ITER is doomed to fail, miserably.

Dimi Chakalov <dchakalov@gmail.com>

Sat, Jul 17, 2021 at 12:54 PM

To: Renatas.MAZEIKA@ec.europa.eu, Michel.Claessens@ec.europa.eu, ENER-D4-SECRETARIAT@ec.europa.eu, Gieljan.deVries@euro-fusion.org, Victor Armand Malka <victor.malka@weizmann.ac.il>, Toshiki Tajima <ttajima@uci.edu>, Sandra Chapman <s.c.chapman@warwick.ac.uk>, Pietro Barabaschi <pietro.barabaschi@jt60sa.org>, Duarte Borba <duarte.borba@euro-fusion.org>, Anne White <whitea@psfc.mit.edu>, Richard Pitts <richard.pitts@iter.org>, Robert Bingham <robert.bingham@strath.ac.uk>, Mark Koepke <mark.koepke@mail.wvu.edu>, John Palastro <jpal@l1e.rochester.edu>, Gianfranco Federici <gianfranco.federici@euro-fusion.org>, Rudolf Neu <rudolf.neu@tum.de>, Hartmut Zohm <hartmut.zohm@ipp.mpg.de>, Xiaodong Zhang <xdzhang@ipp.ac.cn>, Baonian Wan <bnwan@ipp.ac.cn>, Yuntao Song <songyt@ipp.ac.cn>, Xinchao Wu <xcwu@ipp.ac.cn>, Gunsu Yun <gunsu@postech.ac.kr>, jkl@postech.ac.kr, arakawa@ecs.shimane-u.ac.jp, cab-simson-contact@ec.europa.eu, ditte.juul-joergensen@ec.europa.eu, Klaus-Dieter.Borchardt@ec.europa.eu, Massimo.Garribba@ec.europa.eu, Brendan.Devlin@ec.europa.eu, director@acer.europa.eu, alberto.pototschnig@acer.europa.eu, caoimhin.smith@dcae.gov.ie, itercommunications@iter.org, cab-public@iter.org, iopcd@iter.org, caroline.vaxelaire@iter.org, ian.chapman@ukaea.uk, nick.holloway@ukaea.uk, d.gann@imperial.ac.uk, michael.banks@iop.org

P.S. Please see my proposal attached, from p. 9 (last) in
<http://www.god-does-not-play-dice.net/explanation.pdf>
D.C.

On Tue, 4 Aug 2020 18:12:53 +0100,
Dimi Chakalov <dchakalov@gmail.com> wrote:
[snip]

ITER.jpg

182K

Can ITER burn nuclear fuel like a candle, for at least 6 months? After “more than 60 years of research on fusion science and technology” (cf. the letter at p. 8 above), nobody managed to produce some equation involving the main factors of nuclear fusion at ITER (the triple product of density, temperature, and confinement time). All their models of “confined particle orbits” (cf. Ian Chapman at p. 3) are for the birds. ITER proponents have no idea *whatsoever* how to make ITER burn nuclear fuel like a candle. They only want to gamble our money taken from our taxes: billions, and billions, and BILLIONS of Euros.

The European Commission Directorate D - Nuclear energy, safety and ITER - should stop any financing of ITER, until they deliver their homework. Not even a cent more. Let the other signatories to the ITER Agreement – China, India, Japan, Korea, Russia and the United States – pay for the juvenile dreams of ITER supporters.

Dimitar G. Chakalov

17 July 2021, 12:12 GMT