

Why I Believe in The E-Cat

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There have been all kinds of opinions set forward on the Internet regarding [Andrea Rossi's E-Cat](#). I think I understand people's wariness and skepticism. There are many good reasons not to trust people just because they make an extraordinary claim, and history teaches us that many of the most exciting and tantalizing pronouncements about miraculous breakthroughs have turned out to be mistaken, or in some cases empty words intended to deceive and defraud.

So it is no wonder that there is for some skepticism about Rossi and his claims. I was quite skeptical too when I first heard about Rossi and the E-Cat, but over time I have climbed off the fence and stepped firmly on to the believer's side, and here are some of the reasons why.

1. **Sergio Focardi**. Focardi was an eminent professor of physics at Bologna University worked closely with Andrea Rossi on the development of the E-Cat. Here are his credentials from Wikipedia:

He led the Department of Bologna of the (Italian) National Institute for Nuclear Physics and the Faculty of Mathematical, Physical and Natural Sciences at the University of Bologna. He was a member of the President's Board of the Italian Physical Society. From 1992 he had been working on cold fusion with nickel-hydrogen reactors.

His statements about what he learned and witnessed during his work with Rossi are very forthright and unequivocal. He has stated that he believes that we are at the dawn of a new age of energy production based on Rossi's invention. Here's a [video of Focardi speaking about the E-Cat](#).

2. **Giuseppe Levi**. This University of Bologna physics professor has tested the E-Cat on numerous occasions and has issued statements about the validity of the E-Cat. Levi was the lead researcher of the team of European academics that performed third party testing in late 2012-early 2013 (see below).

3. **Sven Kullander and Hanno Essen**. These respected Swedish scientists were able to participate in testing of the E-Cat and both have gone on record stating they could find no other explanation for the energy production they witnessed other than a new kind of nuclear reaction.

I am sure that all of these established academics are not part of any grand conspiracy to trick the world into thinking that Rossi has come up with a new form of energy when they know he hasn't — and based on the closeness of their work with Rossi (especially Focardi, who worked with Rossi over a long period of time) I don't see any way that Rossi could have hoodwinked these professors with some kind of rigged machine.

4. **The October 6th, 2011 test** in which the E-Cat self sustained for almost 5 hours and heated water a constant temperature without any energy input. Again, I don't believe that Rossi would have been able to have faked this demonstration.

5. **Andrea Rossi himself**. I find his words and actions convincing. The way he is going about his business seems rational given the circumstances and, most interesting, there doesn't seem to be anything going on at the moment that resembles a scam. There has been no appeal for the public to send him money — and no one has come forward and said that Rossi has tried to defraud them. Some people might think that he is simply insane and delusional, but I go back to the involvement of the professors — if Rossi was insane, it would not have taken long for these men to realize it, and they certainly wouldn't have stepped forward publicly to identify themselves professionally with such a person.

6. **National Instruments.** This major manufacturer of laboratory testing hardware and software has verified that Andrea Rossi's account of their relationship is an accurate one. Rossi said they had worked together and that NI had been very helpful in providing advice, even though Leonardo Corp ultimately decided to work with another company.

7. **Professor Roland Pettersson.** This retired associate professor of chemistry at Uppsala University in Sweden has commented positively on two E-Cat demonstrations he has witnessed. He was present at the October 6th demo in Bologna, and more recently attended a private demonstration on February 20th in Bologna. [NyTeknik reports](#) that Pettersson said he saw the recently upgraded 1 MW plant and a prototype of the domestic E-Cat.

8. **The May 16th 2013 third party testing report. (See [here](#) for a summary).** This was a convincing report from qualified and reputable academics who reported that after two tests each of which lasted about 100 hours the E-Cat reactor they were testing showed that the energy source could not possibly be of chemical origin. They concluded that "Even by the most conservative assumptions as to the errors in the measurements, the result is still one order of magnitude greater than conventional energy sources."

9. **The partnership with Industrial Heat / Cherokee Investment Partners.** In a January 24, 2014 [press release](#), Industrial Heat LLC, of Raleigh, North Carolina, announced they had acquired the rights to Andrea Rossi's E-Cat. They said they had made this acquisition following the third party testing mentioned above, and conducting their own tests on the E-Cat. Industrial Heat LLC is a company formed largely by personnel from Cherokee Investment Partners, a private equity firm which has specialized over many years in cleaning up polluted 'brownfield sites', and also in investing in environmentally friendly technology. The Cherokee / Industrial Heat connection is an indication that serious professionals have done due diligence into Andrea Rossi's work and have been convinced that the E-Cat is a technology worth investing in.

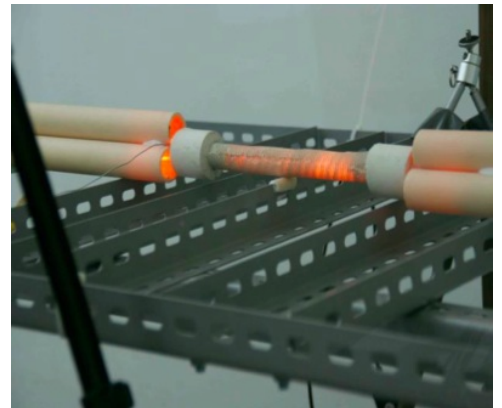
10. **The Lugano E-Cat Report** The same team of testers who published the 2013 report (see point 8 above) carried out new testing in Lugano, Switzerland, of an E-Cat device supplied by Andrea Rossi and Industrial Heat. They ran the E-Cat for 32 days, nonstop, and measured an energy balance between input and output heat which yielded a COP factor of about 3.2 (when the reactor was heated to 1260°C), and COP of 3.6 (1400°C). The total net energy obtained during the 32 days run was about 1.5MWh.

In addition to the heat measurements, the testers found the isotopic makeup of the fuel changed during the 32-day run. They analyzed a sample fuel used in the reactor, before and after testing using a variety of standard measurement methods and quantities of Li, Al, Fe and H in addition to Ni were found in the fuel. The isotope composition in lithium and nickel matched a natural composition before the test began, but after the run was found to have been changed substantially. To read the full text of the Lugano report, go [here](#); for a summary, go [here](#).

11. **The Work of Alexander Parkhomov.** Alexander Parkhomov is a Russian physicist who analyzed the Lugano E-Cat Report (see above) and tried to create a reactor along the same principles as the one used in the report. In December 2014 he published a report describing a 90-minute experiment in which his reactor was measured to produce more energy than was input, with a COP of 2.58 when run at 1290°C. Subsequent experiments have shown similar results. See [here](#) for more on Parkhomov's experiments.

12. Tom Darden

In April 2015, Tom Darden, CEO of Cherokee Investment Partners, and chairman of Industrial Heat [spoke](#) at the ICCF-19 conference in Padua, Italy where he explained that he had formed Industrial Heat to invest in LENR research with the goal of creating non-polluting energy. He said in Industrial Heat's research they had seen some success and that the field of LENR had reached a tipping point. In an [interview](#) with Infinite Energy magazine following the speech he explained that



Industrial Heat had seen testing on the E-Cat before investing in Rossi's E-Cat which was persuasive. He said that they had seen 'some really good stuff', and was impressed with Andrea Rossi as a researcher.

13. Fulvio Fabiani

Fulvio Fabiani is an Italian engineer who has worked with Andrea Rossi since 2012. His current assignment is to head up the R&D efforts on the E-Cat under the direction of Rossi. His speciality is in electronic systems, and he has the assignment of managing the control systems that are used to control the E-Cat. Fulvio Fabiani has publicly confirmed that he is 100 per cent convinced of the reality of the E-Cat. He has also conducted an [in-depth interview](#) with author and journalist Mats Lewan in which he reveals much about his involvement in the E-Cat project. He's one of the few first-hand witnesses working on the 'inside' with Andrea Rossi, and therefore his validation is another important evidence in favor of the E-Cats validity and reality.

Conclusion

I believe that Andrea Rossi has made a very important discovery that will eventually lead to far more advanced and cost effective energy production than we now know. Rossi seems to realize this too, and is doing all in his power to bring his invention to light, including keeping the cost as low as possible so everyone will be able to afford it. As he says, "This will be a revolution, and, as I said already, a revolution must be popular to survive."

Is there a chance that I am wrong in my conclusions? Of course — I'm certainly not infallible. But I have tried to be as logical and reasonable about this case as I can be, and from every way I look at things, I believe that Andrea Rossi has discovered a new and superior way of producing energy and that an LENR revolution is not too far away.

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