

# Hot-Cat 2.0

*How last generation E-Cats are made*

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In collaboration with Vessela Nikolova

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This book is dedicated to the memory of Sergio Focardi (1932-2013),  
Physicist and Professor Emeritus at the University of Bologna.



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## PREFACE

*I want to be absolutely sincere: this book was written by Eng. Roberto Ventola, who has a technical background, and I appear undeservedly as an author. Therefore, I want to tell the reader how things really went.*

*Seeing as Eng. Ventola sent many technical articles to be published on the blog and I could not publish them all together, I suggested collecting and publishing them in a book, an idea that he enthusiastically agreed on, offering – in exchange for this opportunity – to donate half of the earnings to Vessy's Blog Fund through my co-authorship.*

*Since my blog is financed only with contributions coming from generous readers, and because this is essential for its future survival, I have agreed to appear as co-author. However, my real contribution was only to standardize the style of the book to that of previously published articles and to make a few public communications.*

*I am very happy to have contributed in some way to the birth of this work, which I think will remain for many years as a reference book for all those who are seriously interested in the last generation Hot-Cat. It is a bit more technical than my book “E-Cat - The New Fire”, but I’m sure that most of readers will be able to appreciate it.*

*Despite the fact that I am not able to assess its more technical content, it nevertheless seems very intellectually stimulating reading to me, enhanced by about 100 figures that enrich the text, making it almost unique.*

*I hope that this is really the beginning of a world energy revolution, though at this point many new characters will need to appear on the scene.*

Vessela Nikolova





# INTRODUCTION

I think there is no better introduction to this book than the words written by Andrea Rossi in a recent comment posted on the blog of his *Journal of Nuclear Physics* (JoNP) in response to a reader who asked if “it could be possible to make an industrial or domestic E-Cat, working every day for domestic or industrial customers, without using catalyzers, but only the fuel described in the Lugano Report”:

JC Renoir:

No, it is impossible. To make an E-Cat work regularly for months you need more than that. As I said, the E-Cat is a **much more complicated thing than is commonly imagined**. The substantial underestimation of what we have done has given us a real advantage, since instead of changing the game, the attempts that are going on to imitate us only try and fix **old schemes**, thinking that, if we have done anything that makes a difference, it must be something very small, close to evanescent. This attitude has given us a great advantage in the competition. For years I have been considered an imbecile who has just made it lucky, God knows why, and who creates things without understanding what the heck he is doing (in the best of cases). Either that or, more kindly, I am considered a fraudster. Obviously this has been a **big advantage** for our Team. I can say this now, since we are close to going commercial on a massive scale. I think it is now too late to catch up on us.

Warm Regards,  
A.R.

Yes, reading this book the reader will understand perfectly how the new “Hot-Cat 2.0” – as I call the E-Cat of the latest generation – is a much more sophisticated apparatus than you might imagine from an its superficial analysis. And if you do not understand these “superior”

characteristics, even a “Parkhomov-like” replication is totally useless. In fact, it would only be a starting point and by no means the point of arrival.

Therefore, this book is not aimed at those who want to replicate the old generation Hot Cat, although it would be extremely useful for that purpose as well. In any case, it is aimed primarily at those who, having already understood that kind of E-Cat, want to move on to an industrial product, or, that is to say, a second-generation E-Cat. Rossi has spent quite a few years carrying out this crucial development, and in this book you will find the evolution of his invention.

Rossi is also right in saying that many people still think of the E-Cat with old patterns, because the evolution of this product has led from what was apparently a rudimentary prototype to a small gem of science and technology. In addition, there are huge differences between an original “low temperature” E-Cat and a modern Hot-Cat, which works at high temperatures. This book will help you to understand all of these in detail.

“Hot-Cat 2.0” will show you a sort of “naked” Hot-Cat, virtually passing the device through an X-ray and giving a look at it from completely new points of view. You'll find that almost all the mysteries and inconsistencies noted by many observers during the Third-Party testing are perfectly solved if you accept the fact that an E-Cat is now a complex machine whose intellectual property must be protected in every way.

By making a careful analysis of all – and I really mean all – the publicly available information (which has been carefully preserved and interpreted) we will be – at least partially – ripping off the veil of secrecy surrounding an E-Cat, and telling the story of this invention-cum-product, thus allowing you to enter a sort of “time machine”. In this way, you'll understand why Rossi and his team have chosen certain roads and not others in their attempts to obtain the best possible results.

As Rossi points out, the advantage gained by his team is now remarkable, thanks to a substantial underestimation of their work by the audience who is passionate about this story. On the other hand, it is also true that the information made public last autumn allows for a partial

replication of the Rossi Effect and of a Hot-Cat, though all this is still insufficient by itself to create a commercially viable product.

The first step to be taken in order to replicate a Hot-Cat 2.0 is to understand how it is done. This is not always easy, for the simple reason that Rossi had sometimes had fun misdirecting people. In this long analysis, you will discover when this happened, and how, at the same time, he has also on occasions provided crucial information in a number of oral interviews. Perhaps, such important intellectual property could (and should) be better protected.

I would like to thank Vessela for giving me this unique and unexpected opportunity. I hope you will like this book and that it gives you a real leap forward in your understanding of the Hot-Cat. If you are interested in contacting me – for example, to report any inaccuracies – please email me to: [roberto.ventola@yahoo.com](mailto:roberto.ventola@yahoo.com).

Thank you in advance!

