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**The Institute for Basic Research
Palm Harbor, Florida**

Pamela Fleming

**THE EXPERIMENTAL EVIDENCE ON SANTILLI ISOREDSHIFT WITHOUT
RELATIVE MOTION PROVIDES FINAL EVIDENCE ON THE
LACK OF EXPANSION OF THE UNIVERSE AND ON ALL RELATED HYPERBOLAS,**

SCIENTIFIC REFERENCES ON

Background generalization of Lie's theory (Lie-Santilli IsoTheory)

[P1] R. M. Santilli, *Foundation of Theoretical Mechanics*, Volume I (1978) [1a], and
Volume II (1982) [1b], Springer-Verlag, Heidelberg, Germany,
<http://www.santilli-foundation.org/docs/Santilli-209.pdf>
<http://www.santilli-foundation.org/docs/santilli-69.pdf>

Theoretical prediction of the IsoRedShift and IsoBlueShift

[2] R. M. Santilli, *Isotopic Generalizations of Galilei and Einstein Relativities*, Vols. I
[3a] and II [3b] (1991), Ukraine Academy of Sciences\
<http://www.santilli-foundation.org/docs/Santilli-01.pdf>
<http://www.santilli-foundation.org/docs/Santilli-61.pdf>

Experimental verifications

[3] R. M. Santilli, "Experimental Verifications of IsoRedShift with Possible Absence of
Universe Expansion, Big Bang, Dark Matter, and Dark Energy," *The Open Astronomy
Journal* **3**, 124 (2010),
<http://www.santilli-foundation.org/docs/Santilli-isoredshift.pdf>

[4] R. M. Santilli, "Experimental Verification of IsoRedShift and its Cosmological
Implications," *AIP Proceedings* Vol. 1281, pp. 882-885 (2010)
<http://www.santilli-foundation.org/docs/Isoredshift-Letter.pdf>

[5] G. West and G. Amato, "Experimental Confirmation of Santilli's IsoRedShift and
IsoBlueShift," *Journal of Computational Methods in Sciences and Engineering*, **12**, 169
(2012),
<http://www.santilli-foundation.org/docs/Confirmation-IRS-IBS.pdf>

[6] R. M. Santilli, G. West and G. Amato. "Experimental Confirmation of the
IsoRedShift at Sun at Sunset and Sunrise with Consequential Absence of Universe
Expansion and Related Conjectures, " *Journal of Computational Methods in Sciences and*

Engineering, **12**, 165 (2012).

<http://www.santilli-foundation.org/docs/Confirmation-sun-IRS.pdf>

[7] H. Ahmar, G. Amato, J. V. Kadeisvili, J. Manuel, G. West, and O. Zogorodnia, "Additional experimental confirmations of Santilli's IsoRedShift and the consequential expected absence of universe expansion," Journal of Computational Methods in Sciences and Engineering, **13**, 321 (2013),

<http://www.santilli-foundation.org/docs/IRS-confirmations-212.pdf>

LECTURES AVAILABLE FROM THE LINK

<http://www.world-lecture-series.org/kos-2012>

SESSION II: ISOREDSHIFT AND LACK OF EXPANSION OF THE UNIVERSE

Experimental Evidence on the Lack of Expansion of the Universe

Ruggero Maria Santilli

[View](#) (Duration 65:21)

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Additional Experimental Evidence as of November 2012 on the IsoRedShift, IsoBlueShift and NoIsoShift, and their Astrophysical Implications

Ruggero Maria Santilli

[View](#) (Duration 40:36)

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Experimental Confirmation of Santilli Iso- and Blue-Shift for Monochromatic Laser Light

Mr. Gene West and Gino Amato, U.S.A.

[View](#)

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Anomalous Measurements of the Mossbauer Effect in Rotating Disks and Santilli IsoRed-BlueShift

Alexander Kholmetskii, Belorussia

[View](#) (Duration 55:25)

[Download](#) (Size 841.0 MB)

On the Cosmological Redshift

Georgi Shpenkov, Poland

[View](#) (Duration 69:49)

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Implications of Santilli's IsoRedShift Measurements for Gamma-Ray Burst Observed by SWIFT Satellite

Herman J. Mosquera Cuesta, Brazil

[View](#) (Duration 95:57)
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PRWEB NEWS RELEASES ON LACK OF EXPANSION OF THE UNIVERSE

are available in the archives

<http://www.santilli-foundation.org/news.html>)

[1] Release by the KCSA News Agency 06-10-13

Experimental Confirmation That The Universe Is Not Expanding

English

<http://www.prnewswire.com/news-releases/the-r-m-santilli-foundation-announces-experimental-confirmation-that-the-universe-is-not-expanding-210806801.html>"> English

Italian

<http://www.santilli-foundation.org/KCSA-release-ITALIAN.pdf>">Italian

German

<http://www.santilli-foundation.org/KCSA-release-GERMAN.pdf>">German

Russian

<http://www.santilli-foundation.org/KSA-PR-Release-RUSSIAN.pdf>">Russian

Indians

<http://www.santilli-foundation.org/KSA-PR-Release-INDIAN-1.pdf>">Indian

(Marathi)

[http://www.santilli-foundation.org/docs/Indian\(Hindi\)-News\(Translation\).pdf](http://www.santilli-foundation.org/docs/Indian(Hindi)-News(Translation).pdf)">Indian (Hindi)

[2] Experimental confirmations that the universe is not expanding,

English

<http://www.santilli-foundation.org/Confirm-No-Exp.php>">English

Italian

<http://www.santilli-foundation.org/Confirm-No-ExpITALIAN.php>">Italian

German

<http://www.santilli-foundation.org/Confirm-No-Exp-GERMAN.pdf>">German

Russian

<http://www.santilli-foundation.org/Confirm-No-Exp-RUSSIAN.pdf>">Russian

[3] Confirmation of lack of expansion of the universe at

five international conferences from 2011 to 2013 conferences.

<http://www.santilli-foundation.org/Conf-2013-No-Univ-Exp.php>

[4] The Wall Street Journal

The R. M. Santilli Foundation Announces Experimental Confirmation That

The Universe Is Not Expanding

<http://online.wsj.com/article/PR-CO-20130610-903915.html>,

[5] Scientists Claim that the Lack of Expansion of the Universe has been Confirmed from Space

Announcement

<http://www.prweb.com/releases/2013/12/prweb11435701.htm>

Report

[http://www.santilli-foundation.org/docs/ref\[4\].pdf](http://www.santilli-foundation.org/docs/ref[4].pdf)

[6] Santilli's Invariant Derivation of Hubble's Law Without Expansion of the Universe

has been Confirmed at Five Recent Scientific Meetings

Announcement

<http://www.prweb.com/releases/2013/12/prweb11449168.htm>

Report

[http://www.santilli-foundation.org/docs/ref\[5\].pdf](http://www.santilli-foundation.org/docs/ref[5].pdf)

[7] Santilli's IsoRedShift, IsoBlueShift and the Lack of Expansion of the Universe Confirmed at the Recent ICNAAM Conference in Greece

Announcement

<http://www.prweb.com/releases/2013/10/prweb11249558.htm>

Report

<http://www.santilli-foundation.org/docs/PRWeb-report-10.pdf>

[8] Lack of Expansion of the Universe Confirmed at Five Scientific Meetings in Europe and in the Far East

Announcement

<http://www.prweb.com/releases/2013/12/prweb11433287.htm>

Report

<http://www.santilli-foundation.org/docs/lack-univ-expansion>

[9] Santilli's Invariant Derivation of Hubble's Law Without Expansion of the Universe

has been Confirmed at Five Recent Scientific Meetings

Announcement

<http://www.prweb.com/releases/2013/12/prweb11449168.htm>

Report

<http://www.santilli-foundation.org/docs/Santilli-Hubble-slaw.pdf>

[10] IsoDifferential Calculus, IsoDynamical Systems and their Applications
Session ss56 of the American Institute of Mathematical Sciences,
Madrid, Spain, July 7 to 11, 2014

http://www.aimsociences.org/conferences/2014/2014_specialSessions.html

Organizers: S. Georgiev, C. Corda, and A. A. Bhalekar

[11] International Workshop on Santilli mathematics and their applications
Session M3 of 2014 ICNPA Congress: Mathematical Problems in Engineering,
Aerospace and Sciences,
July 15-18,2014, Narvik University, Norway.
<http://icnpaa.com/index.php/icnpaa/2014/schedConf/trackPolicies>

[12] Fifth International Workshop on Santilli's Iso-, Geno-, and Hyper-Mathematics
Organizers: A. Bhalekar (India), C. Corda (Italy), and T. Vougiouklis (Greece)
<http://www.santilli-foundation.org/Iso-Geno-Hyper-Math-2014.php>
Session 108 of the ICNAAM meetings in Rhodes, Greece, September 22 to 26, 2014
http://www.icnaam.org/sessions_minisymposia.htm

[13] Third International Workshop on Antimatter Astrophysics
Organizers: A. Bhalekar (India), C. Corda (Italy), and T. Vougiouklis (Greece)
<http://www.santilli-foundation.org/Antim-astroph-2014.php>
Session 109 of the ICNAAM Meetings in Rhodes, Greece, September 22 to 26, 2014
http://www.icnaam.org/sessions_minisymposia.htm

[14] Prof. Santilli's French interview on the
ongoing obscurantism in cosmology
<http://www.i-b-r.org/Prof-Santilli-Interview.html>

[15] Documentary
John Pace, Director
A New renaissance in Cosmology
<http://www.world-lecture-series.org/new-renaissance>