

SHROUD OF TURIN 2025 INTERNATIONAL CONFERENCE & SYMPOSIUM



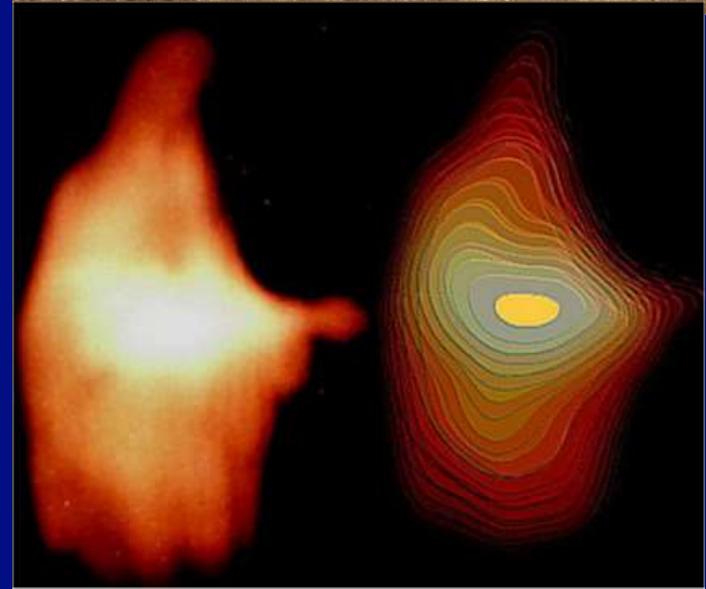
July 30 – August 3, 2025

Augustine Institute St. Louis, MO United States

Prof. Giulio Fanti of Padua University, Italy

Presentation #1:

**Novelties about the Holy Shroud of
Jesus Christ in Turin**



1 - Novelties about the Holy Shroud of Jesus Christ in Turin

DATING

- AGAINST C14/1988: Mechanical, Chemical (FT-IR & Raman), Numismatic, X-ray, Neutron effects in blood and Beta radioactivity.
- C14/1988 will be the proof of the Resurrection?

BODY IMAGE

- Not explainable, Holy Fire and Unique wrapping.

BLOOD

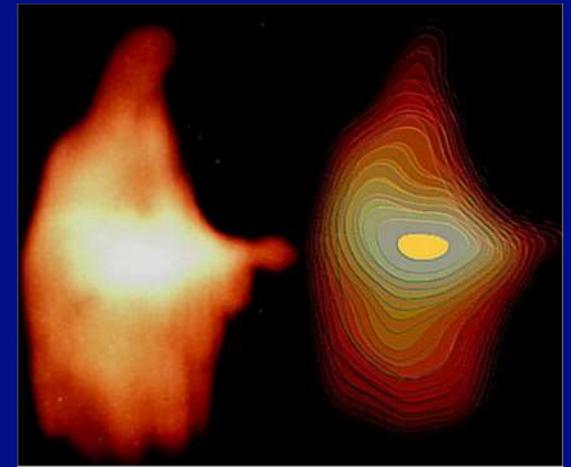
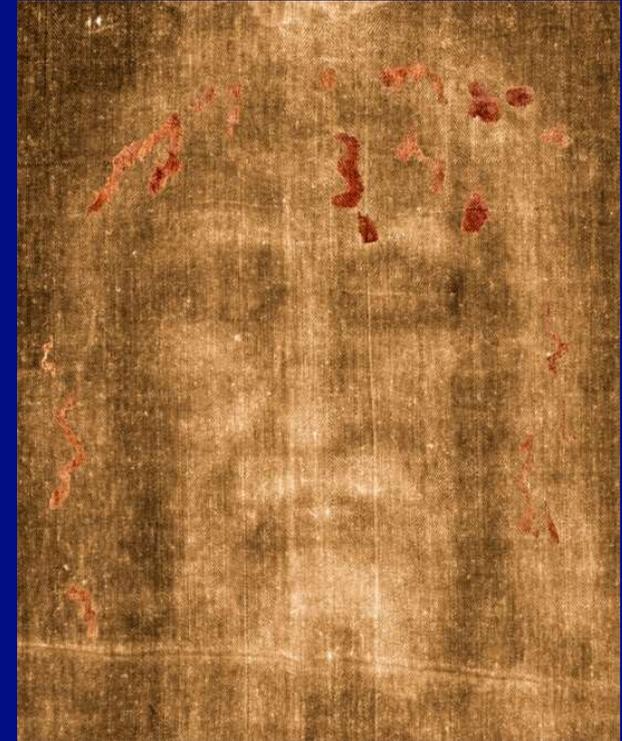
- 3 different types, creatinine, fibrin, hematohidrosis, myrrh on the nape, additional scourge marks.

MEDICAL CONDITIONS

- Urea, microcytes, respiratory problems, hemopericardium.

DEPOSITION IN THE SEPULCHER

- No smearing, stiffness, fluid blood, how did He come out?
- Transparency of matter and Dogma of the Mary's Virginity.



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): C14/1988

Radiocarbon dating of the Shroud of Turin

P. E. Damon^{*}, D. J. Donahue[†], B. H. Gore^{*}, A. L. Hatheway[†], A. J. T. Jull^{*},
T. W. Linick[†], P. J. Sercel[†], L. J. Toolin^{*}, C. R. Bronk[‡], E. T. Hall[‡],
R. E. M. Hedges[‡], R. Housley[‡], I. A. Law[‡], C. Perry[‡], G. Bonani[§], S. Trumbore^{||},
W. Woelfli[§], J. C. Ambers[¶], S. G. E. Bowman[¶], M. N. Leese[¶] & M. S. Tite[¶]

^{*} Department of Geosciences, [†] Department of Physics, University of Arizona, Tucson, Arizona 85721, USA

[‡] Research Laboratory for Archaeology and History of Art, University of Oxford, Oxford, OX1 3QJ, UK

[§] Institut für Mittelenergiephysik, ETH-Hönggerberg, CH-8093 Zürich, Switzerland

^{||} Lamont-Doherty Geological Observatory, Columbia University, Palisades, New York 10964, USA

[¶] Research Laboratory, British Museum, London, WC1B 3DG, UK

Very small samples from the Shroud of Turin have been dated by accelerator mass spectrometry in laboratories at Arizona, Oxford and Zurich. As controls, three samples whose ages had been determined independently were also dated. The results provide conclusive evidence that the linen of the Shroud of Turin is mediaeval.

provide conclusive evidence ?!!!

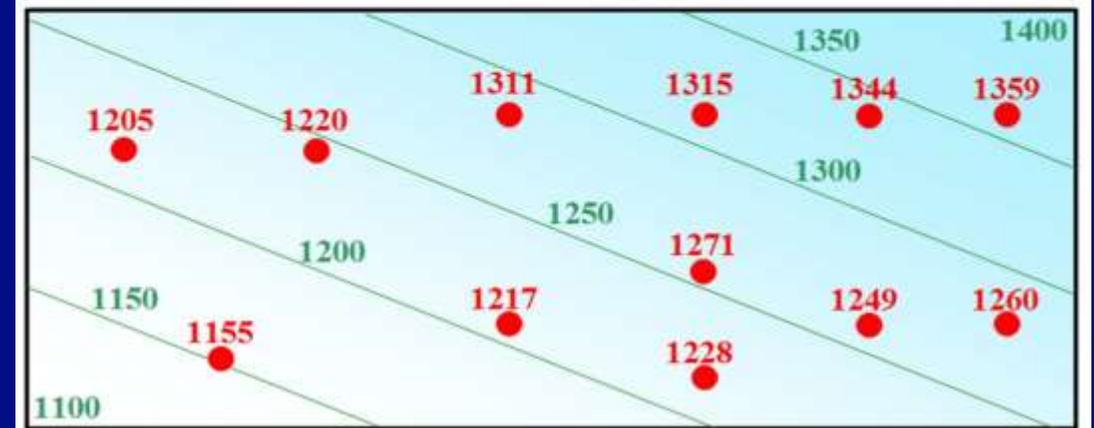
As we will see, the "conclusive evidence" will be so conclusive that it will lead to the opposite result!

Stat Comput (2013) 23:551–561
DOI 10.1007/s11222-012-9329-5

Regression analysis with partially labelled regressors: carbon dating of the Shroud of Turin

Marco Riani · Anthony C. Atkinson · Giulio Fanti ·
Fabio Crosilla

Abstract The twelve results from the 1988 radio carbon dating of the Shroud of Turin show surprising heterogeneity.



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): Numismatic dating

Jenny Stanford Series on Christian Relics and Phenomena — Volume 3

Byzantine Coins
Influenced by the Shroud of Christ



Giulio Fanti



Gold solidus of
Justinian II 692 AD.

The HS existed from 692 AD.

Byzantine coins showing
the face of Christ



Available online at
ScienceDirect
www.sciencedirect.com

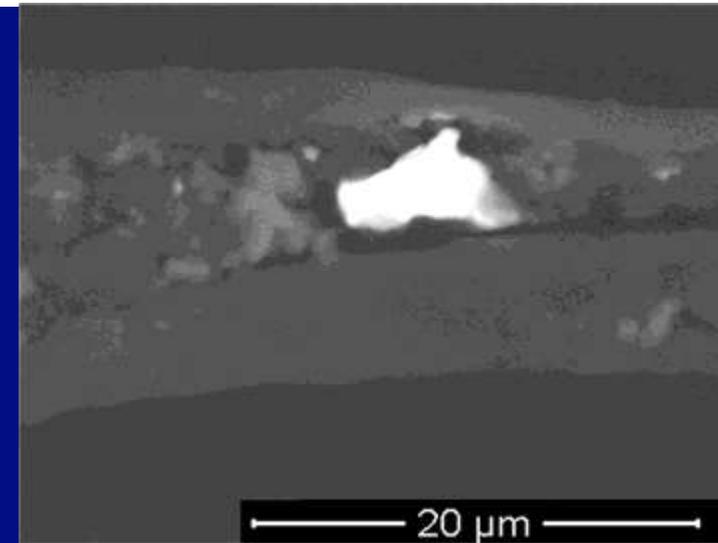
Elsevier Masson France
EM|consulte
www.em-consulte.com/en



Original article

Do gold particles from the Turin Shroud indicate its presence in the Middle East during the Byzantine Empire?

Giulio Fanti^{a,*}, Claudio Furlan^b



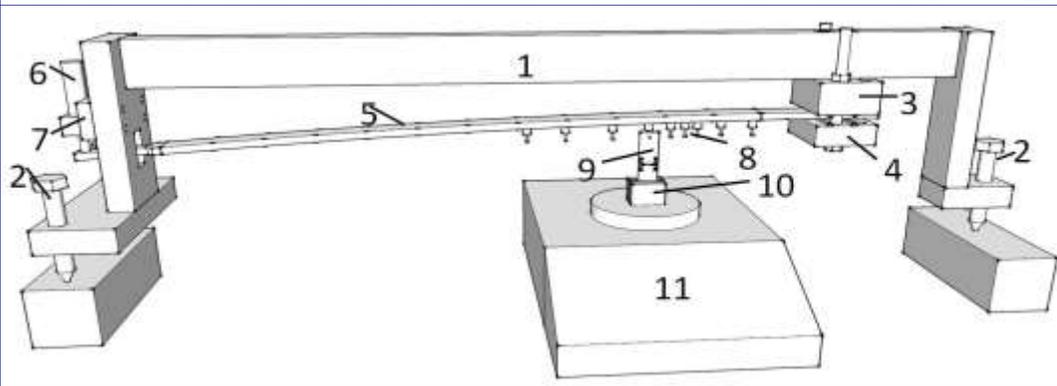
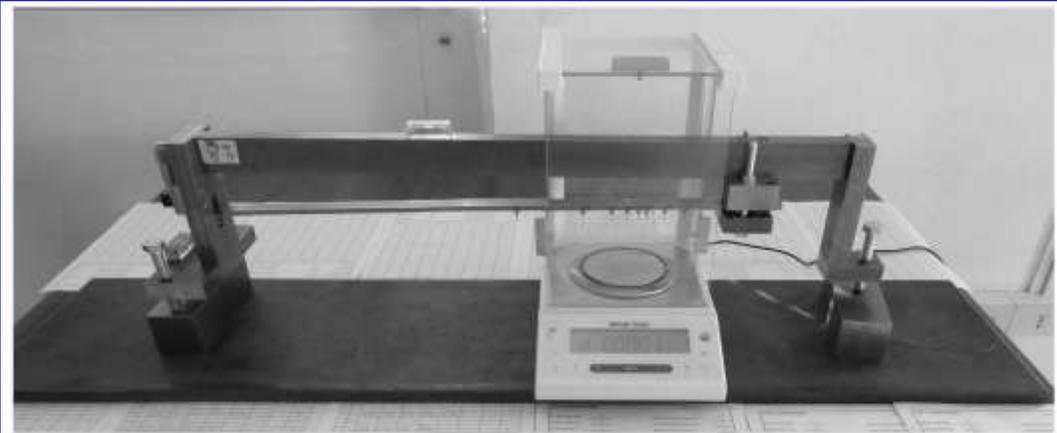
Bronze medal



Electrum alloy
particle in a HS
fiber, typical of
Byzantine coins.



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Mechanical dating**



Schematic drawing of the cyclic traction machine.

The frame (1) is adjusted by means of three levelling screws (2). The clamping blocks (3 and 4) of the cantilever beam (5) constrain the displacement reducer. The micrometric screw (6) is integral with the frame via the attachment plate (7), whose translating pin bends the beam (5). The base (9) is hung from one of the hooks (8) of the displacement reducer (5) to which the textile fibre to be subjected to the tensile test is glued. The lower part of the base is glued to two steel blocks (10) which rest on the plate of the analytical balance (11).

MATEC Web of Conferences **36**, 01001 (2015)

DOI: 10.1051/mateconf/20153601001

© Owned by the authors, published by EDP Sciences, 2015

Mechanical and opto-chemical dating of the Turin Shroud

Giulio Fanti¹, Pierandrea Malfi², Fabio Crosilla³

Abstract. ... innovative dating methods based on the analysis of mechanical parameters (breaking strength, Young modulus and loss factor) ... a particular cycling-loads machine able to measure the mechanical parameters of single flax fibers 1-3 mm long.

... **HS age: 90 AD ±200** (95% confidence level)



Reference samples

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Chemical dating**



Raman machine



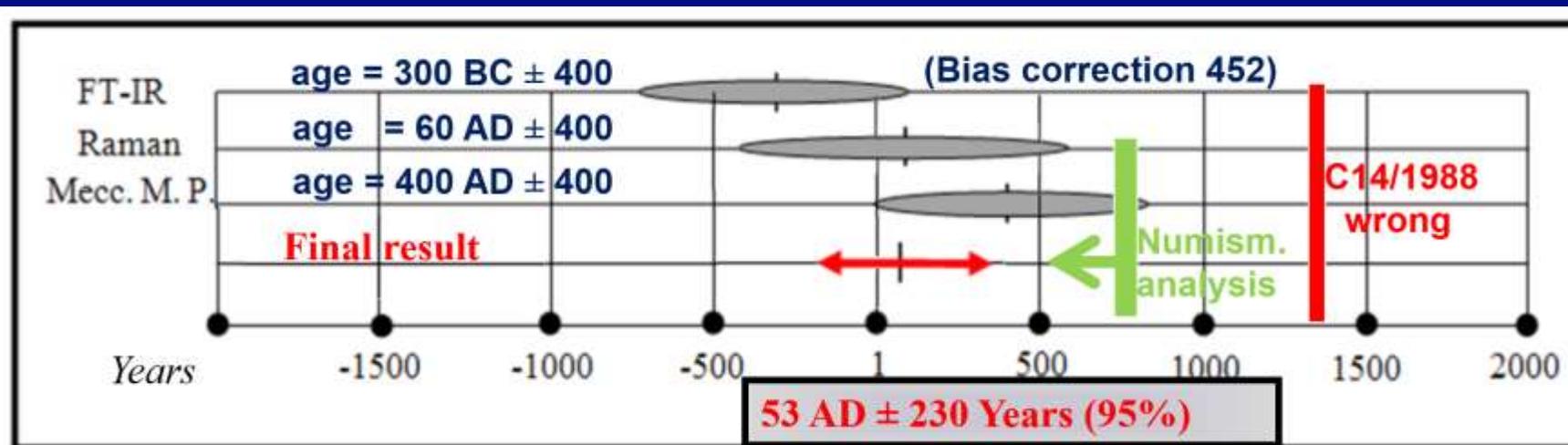
FT-IR machine

MATEC Web of Conferences **36**, 01001 (2015)
DOI: 10.1051/mateconf/20153601001
© Owned by the authors, published by EDP Sciences, 2015

Mechanical and opto-chemical dating of the Turin Shroud

Giulio Fanti¹, Pierandrea Malfi², Fabio Crosilla³

Abstract. ... innovative dating methods of ... FT-IR and Raman ... date of 250 BC by a FT-IR ATR analysis and a date of 30 AD by a Raman analysis. These two dates combined with the mechanical result, ... give a final date of the HS of 90 AD ± 200 years at 95% confidence level.



4 independent methods date the HS to the First Century AD

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): X-ray dating



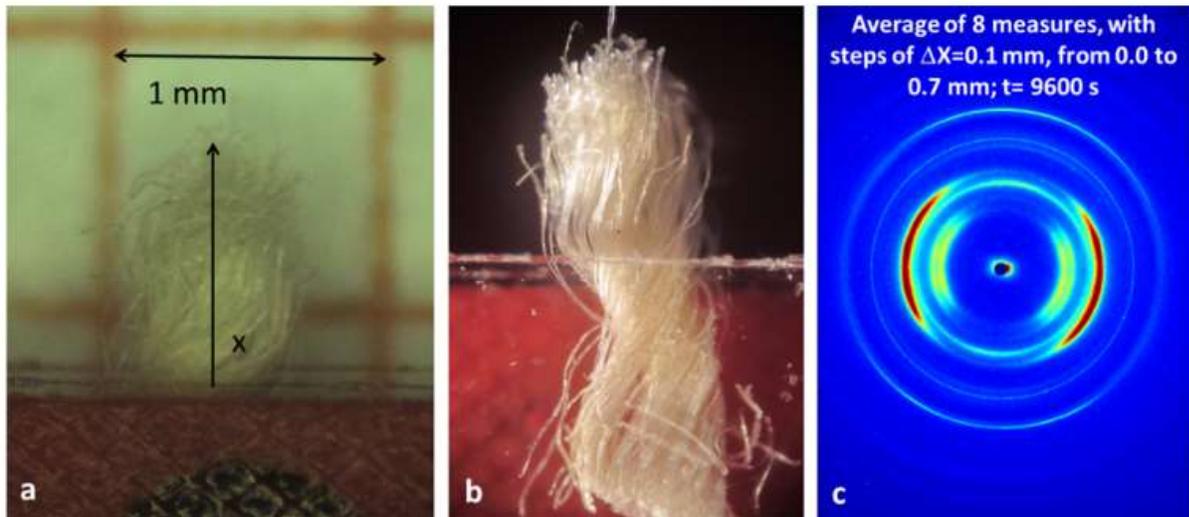
heritage



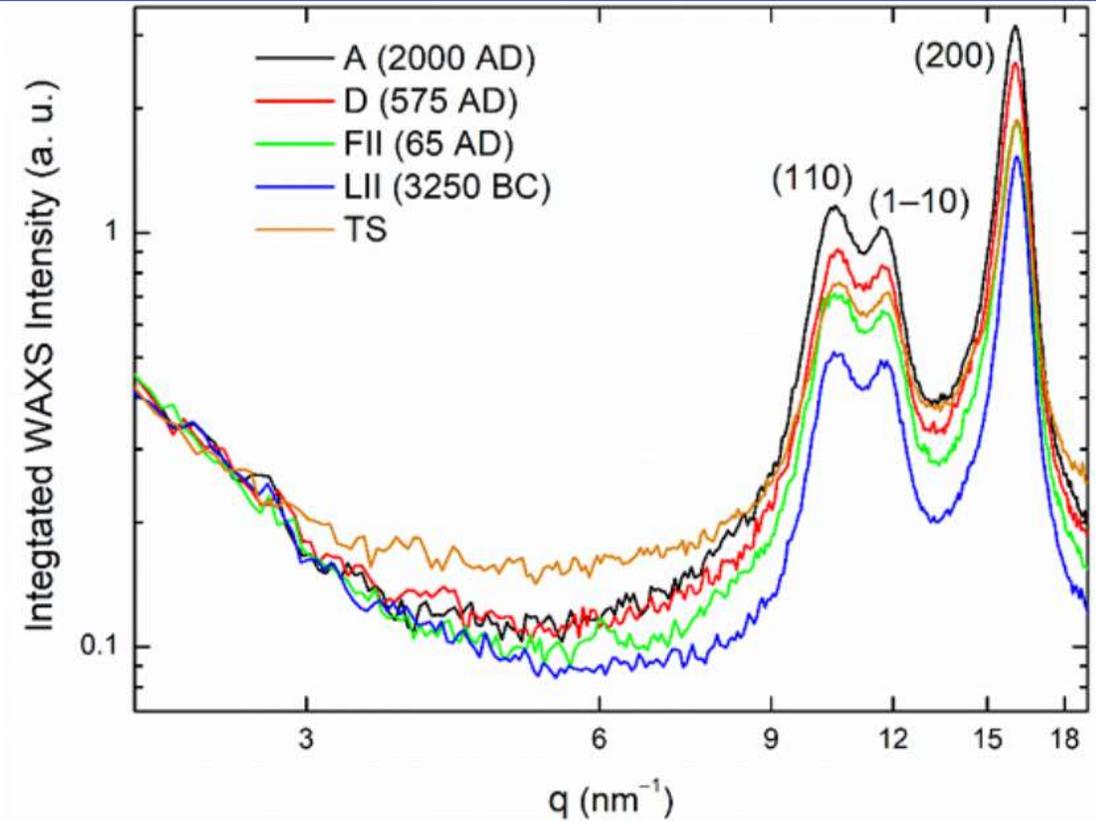
Article X-ray Dating of a Turin Shroud's Linen Sample

Liberato De Caro ^{1,*}, Teresa Sibillano ¹, Rocco Lassandro ¹, Cinzia Giannini ¹ and Giulio Fanti ²

Abstract: On a sample of the HS, we inspected the structural degradation by means of Wide-Angle X-ray Scattering (WAXS). ...The linen thread was about 2 mm long. The experimental results are compatible with the hypothesis that the HS is a 2000-year-old Relic, as supposed by Christian tradition ...



Sample and 2D-WAXS pattern of the HS thread



Integrated WAXS profiles of various samples

The HS profile is similar to that of Masada (65 AD)

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): Neutron effects – N in blood

Available online at www.worldscientificnews.com



World Scientific News
An International Scientific Journal

WSN 162 (2021) 102-119

EISSN 2392-2192

Could an anomaly in Turin Shroud blood reopen the 1988-radiocarbon-dating result?

Giulio Fanti

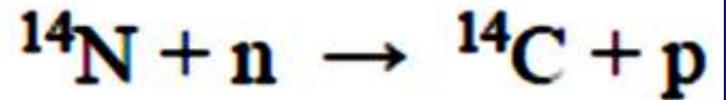
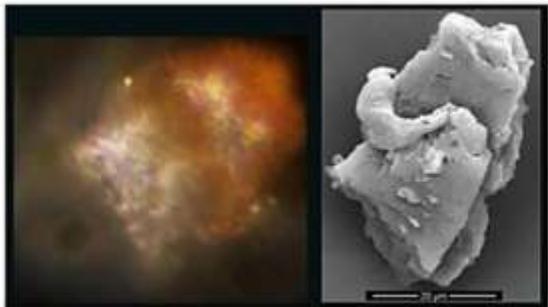
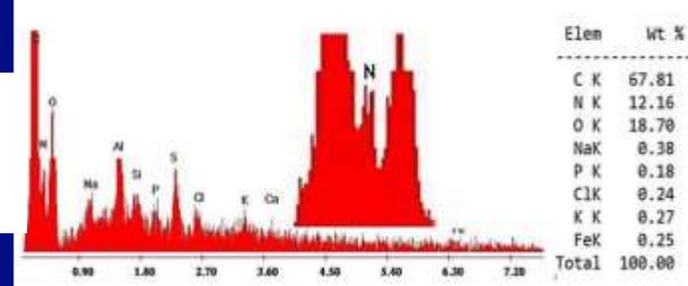
Department of Industrial Engineering, University of Padua, Padua, Italy
E-mail address: giulio.fanti@unipd.it

Abstract:

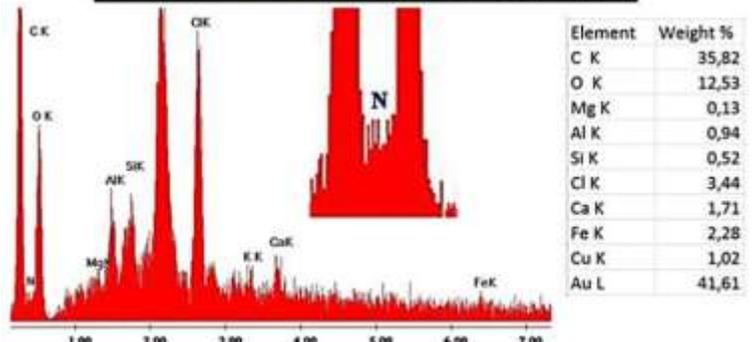
A blood anomaly was found in the HS. Unlike common human blood, the HS blood shows levels of nitrogen lower than the background. T.J. Phillips first supposed that a neutron radiation acted on the HS changing nitrogen atoms into ¹⁴C. So the results of the 1988/¹⁴C dating of the HS should be corrected for this systematic effect.

	¹² C	¹³ C	¹⁴ C
Percentage	98.89 %	1.11 %	1.25 × 10 ⁻¹⁰ %
Mass of carbon isotopes in 120 kg of carbon	118.7 kg	1.332 kg	0.15 μg

Common blood with Nitrogen



TS blood poor of Nitrogen



Due to a neutron radiation the HS blood is poor of N.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **TS blood radioactive**

Peertechz

Archives of
Hematology
Case Reports and
Reviews



ARCHIVES OF
Hematology Case Reports and Reviews

Review Article

New Insights on Blood Evidence from the Turin Shroud Consistent with Jesus Christ's Tortures

Giulio Fanti*

Abstract: Three different types of blood are evidenced. ...

The presence of fibrin, earthy material, creatinine typical of a tortured person, and the stacking of erythrocytes is also discussed along with their Beta-activity and fluorescence. ...



Alpha and Beta counting (right) on a HS blood sample several orders of magnitude larger than that of the support glass.

Due to a probable neutron radiation the HS blood is selectively Beta-radioactive.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **TS A-blood fluorescent**

Peertechz

Archives of Hematology Case Reports and Reviews

ARCHIVES OF Hematology Case Reports and Reviews

Review Article

New Insights on Blood Evidence from the Turin Shroud Consistent with Jesus Christ's Tortures

Giulio Fanti*

Ultraviolet



HS blood.

Common blood.

Visible light.

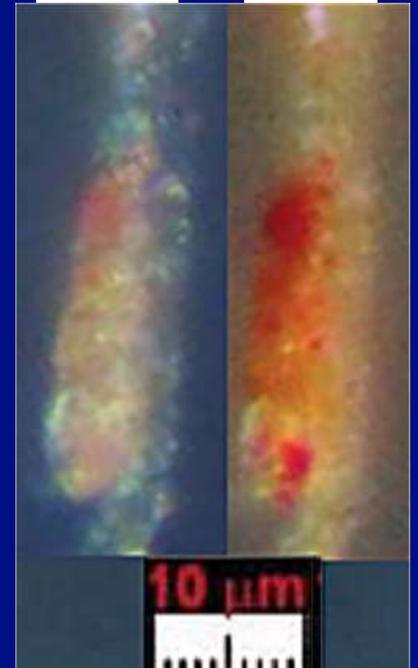
Ultraviolet



Bundle of fibers trapped in a blood crust and hematic material with serum.

Vis.

UV.



Drop of hematic fluid that reached the fiber in the liquid phase.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): C14/1988 proof of the Resurrection?

ISSN: 2584-0355
DOI: doi.org/10.51219/MCCRJ/Giulio-Fanti/216

URF PUBLISHERS
connect with research world

Medical & Clinical Case Reports Journal

<https://urfpublishers.com/journal/case-reports>

Vol: 3 & Iss: 2

Review

The Turin Shroud: A Critical Analysis and Rebuttal of a Recent Scientific Study

Giulio Fanti^{1*}, Carol Gregorek², Michael Kowalski³, Thomas McAvoy⁴ and Robert A. Rucker⁵, Gertrud Wally⁶

Suppose this selective radiation is confirmed using larger samples of the HS. In that case, the C14/1988 test will not be considered proof of the medieval age of the HS - as many persist today in claiming against all the reported unambiguous evidence of the contrary - but rather it will be proof that an intense nuclear reaction occurred in the HS linen that selectively altered its isotopic ratio.



If the selective Beta radiation will be confirmed, the C14/1988 result will be the first scientific proof of a neutron radiation occurred in the HS that enriched the linen of C14.

But how can we think to an intense neutron radiation of 2000 years ago if not to the Resurrection?



Intense Beta radioactivity altered the C14 percentage!

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Body image – Not explainable**



Audio Recordings of the Final STURP Team Meeting -
New London, Connecticut - October 9-11, 1981

FROM: John Heller, STURP's final meeting in October 1981

<https://www.shroud.com/78conclu.htm>

“No pigments, paints, dyes or stains have been found ... the image has unique, three-dimensional information encoded in it. ... there has been a direct contact of the Shroud with a body, ... **this type of contact ... is totally incapable of explaining the image of the face.**”

(An explanation may be possible now! See later.)

“The basic problem from a scientific point of view is that some explanations which might be tenable from a chemical point of view, are precluded by physics. Contrariwise, certain physical explanations which may be attractive are completely precluded by the chemistry.

For an adequate explanation for the image of the Shroud, **one must have an explanation which is scientifically sound, from a physical, chemical, biological and medical viewpoint. At the present, this type of solution does not appear to be obtainable ...**

Furthermore, experiments in physics and chemistry with old linen have failed to reproduce adequately the phenomenon presented by the Shroud of Turin. The scientific consensus is that the image was produced by something which resulted in oxidation, dehydration and conjugation of the polysaccharide structure of the microfibrils of the linen itself. ... **The image is an ongoing mystery ... the problem remains unsolved.**”

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Holy Fire & Maillard**



Available online at www.worldscientificnews.com

World Scientific News

An International Scientific Journal

WSN 176 (2023) 104-120

EISSN 2392-2192

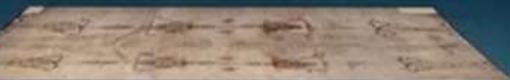
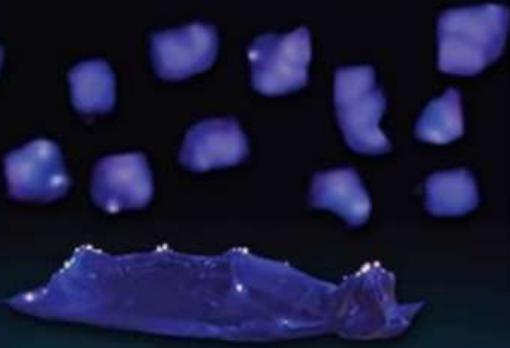
Among the various energetic hypotheses considered in the past, the best seems the one related to the **Corona Discharge**.

Holy Fire and Body Image of the Holy Shroud: Divine Photography Hypothesis

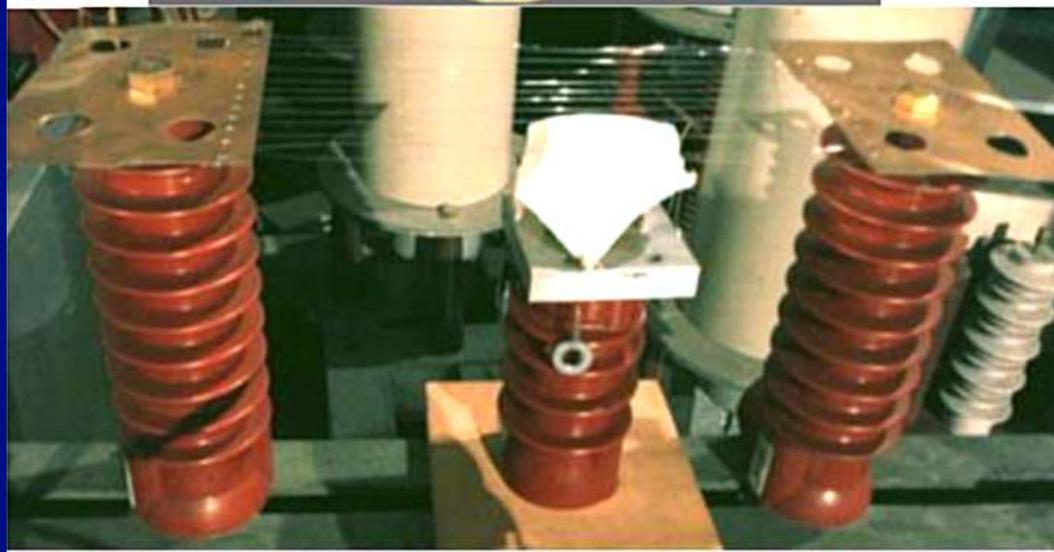
Giulio Fanti

Jenny Stanford Series on Christian Relics and Phenomena — Volume 6

The Holy Fire and the Divine Photography The Image of the Holy Shroud of Christ



Giulio Fanti | Robert Siefker
Series Editor: Giulio Fanti



To confirm this hypothesis, several experimental results were produced in the High Tension Room of Padua University, under the guidance of Prof. Pesavento.

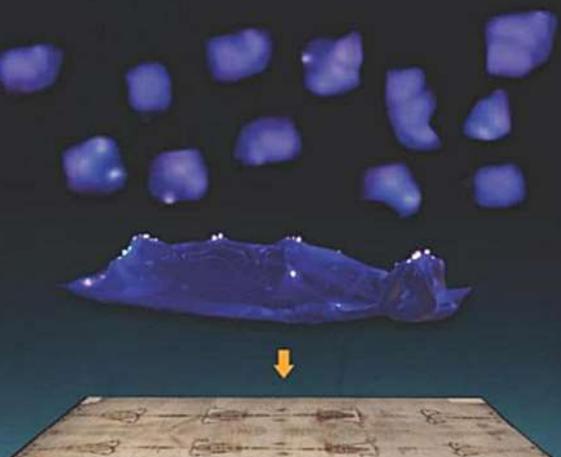
1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Holy Fire & Maillard**

Available online at www.worldscientificnews.com
World Scientific News
An International Scientific Journal
WSN 176 (2023) 104-120 EISSN 2392-2192

Holy Fire and Body Image of the Holy Shroud: Divine Photography Hypothesis
Giulio Fanti

Copyrighted Material
Jenny Stanford Series on Christian Relics and Phenomena — Volume 6

The Holy Fire and the Divine Photography
The Image of the Holy Shroud of Christ



Giulio Fanti | Robert Siefker
Series Editor: Giulio Fanti

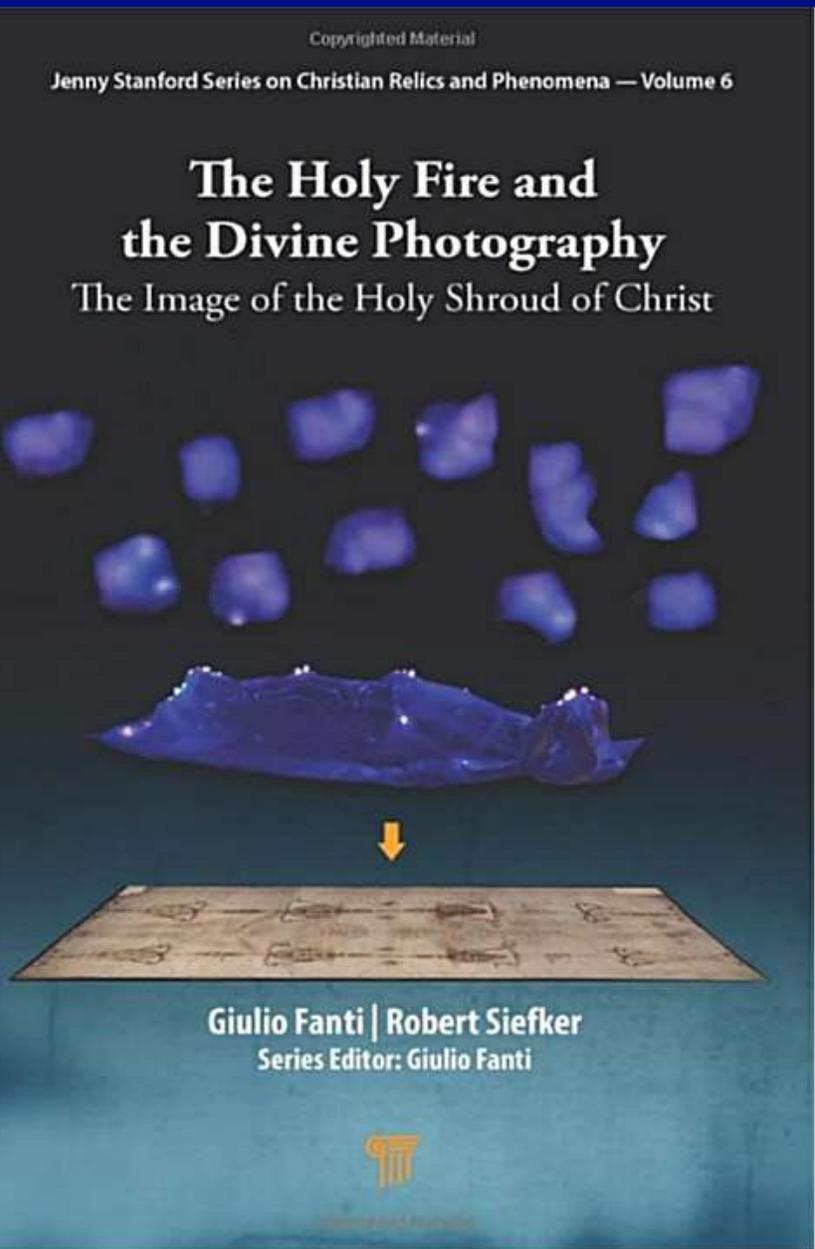


The hypothesis refers to the **Maillard reaction** triggered by the **urea** exuded from the corpse in the presence of very particular radiative phenomena, very similar to the **Holy Fire** of Jerusalem (connected with **corona discharge**) that develops every year in the Edicule of the Holy Sepulcher.



Experimental results with Corona Discharge (tension of 200 kV).

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **The Divine Photography**

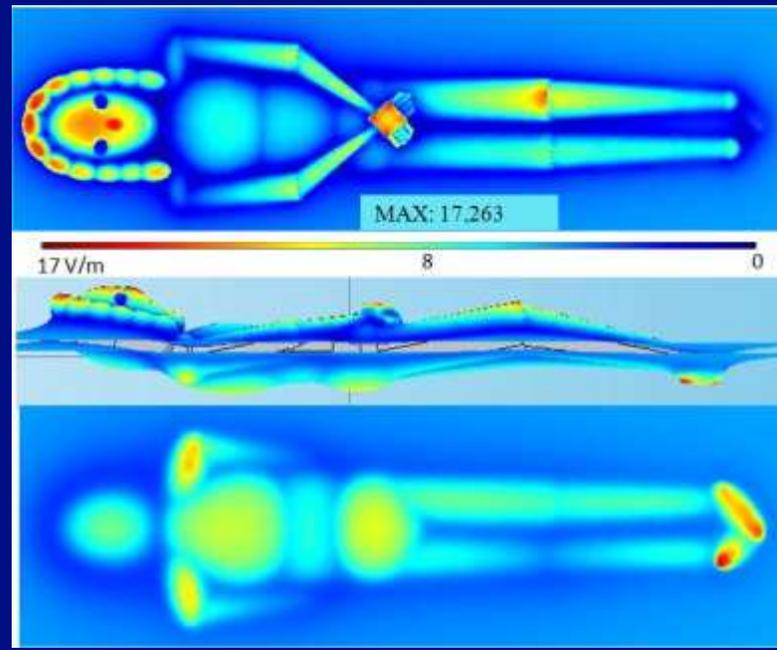
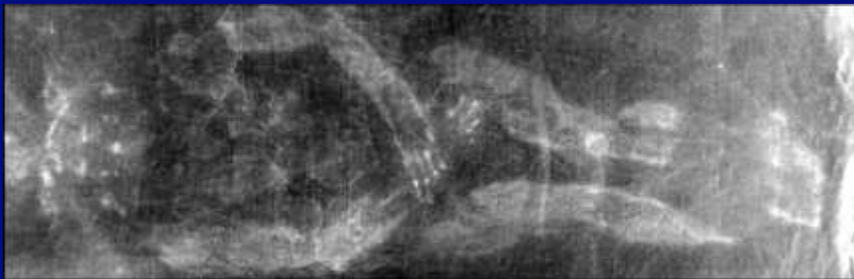


HYPOTHESIS:

To obtain the body image, in agreement with Ray Rogers, in addition to the energy (**Corona Discharge**) provided by the **Holy Fire**, the **Maillard** reaction (caramelization) is necessary.

According to M. Valtorta, the Maillard reaction occurs through the **sugars** contained in the flax and the **urea** (mixed with aloe and myrrh in the manteca) exuded by the corpse.

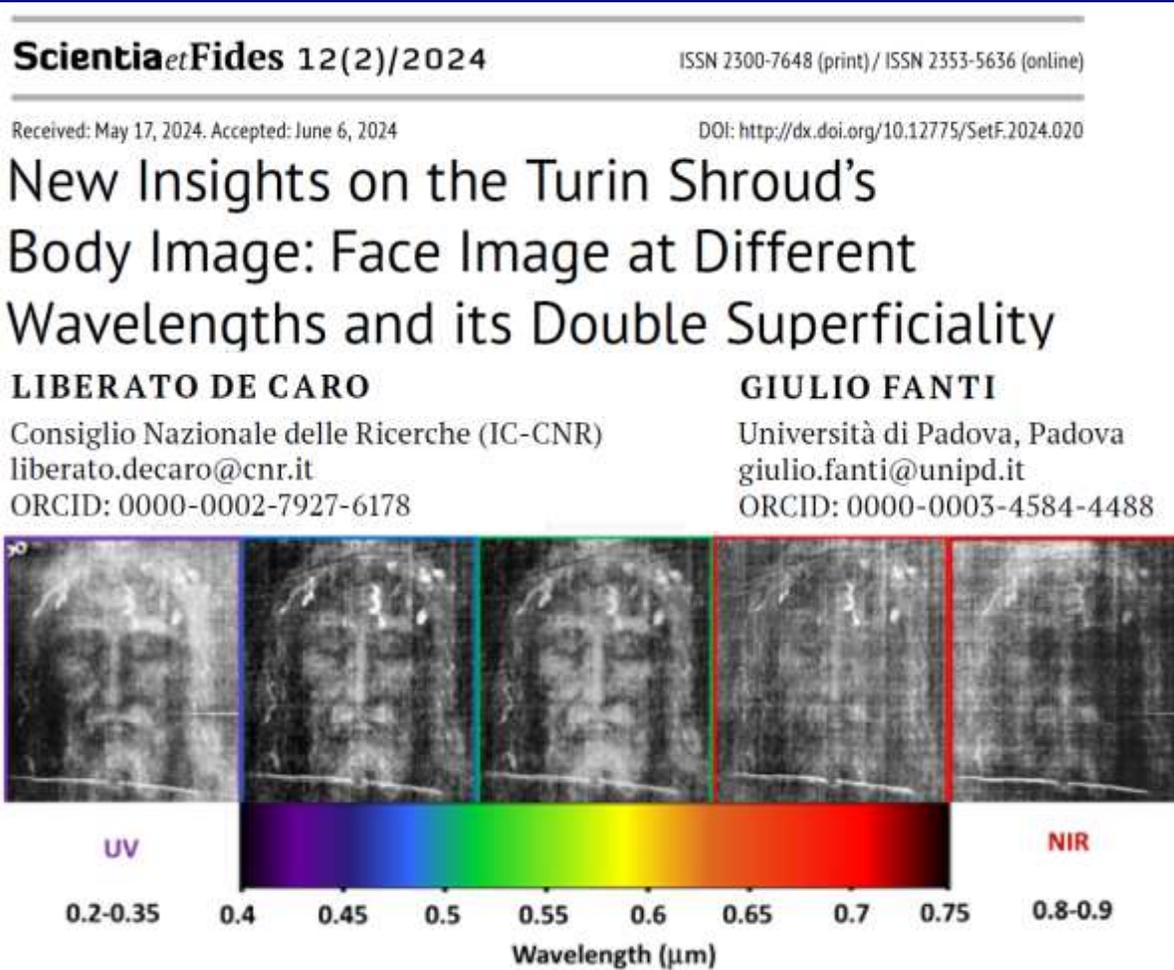
Divine Photography



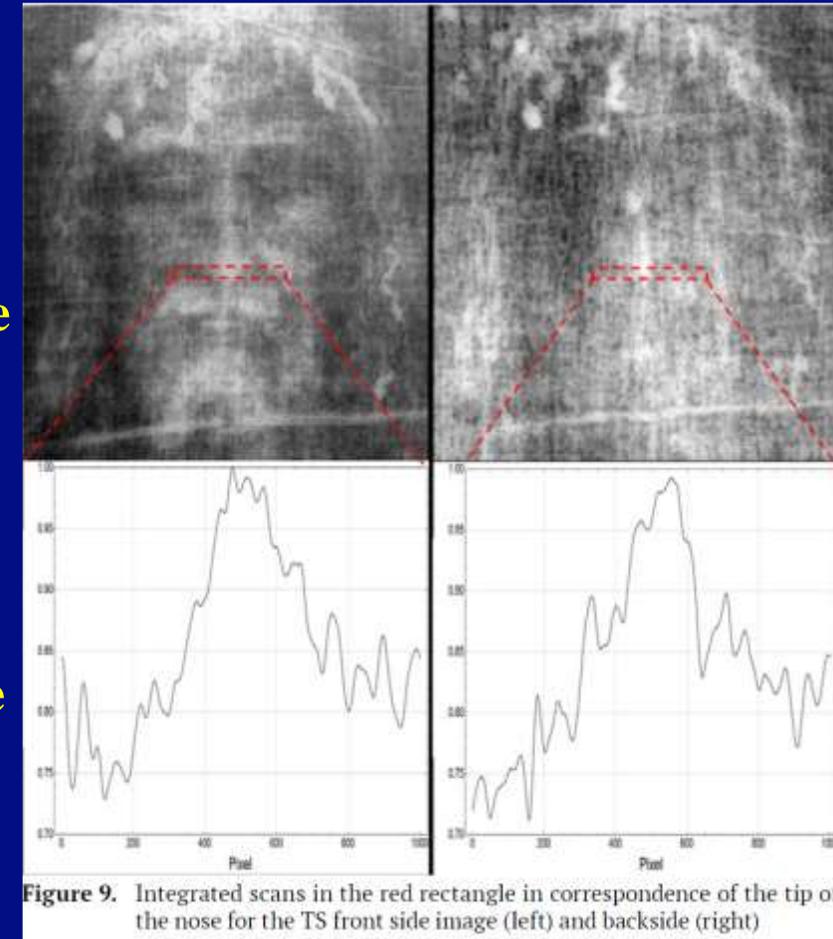
Numerical simulation.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Image superficiality**

The body image is doubly superficial and the color has a variable thickness



From UV to NIR, anatomical details of the face become less definite. The more the radiation penetrates into the fabric the fewer anatomical details are visible. The superficiality of the image is therefore confirmed.



The HS image depth is locally variable, consequently, the intensity of the image could depend not only on the areal density of yellowed linen fibers, but also on their volumetric density, up to a depth of about 70 μm . On the backside of the HS another body image is visible, even if more evanescent.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **BLOOD: macroscopic level**

Peertechz

Archives of Hematology Case Reports and Reviews



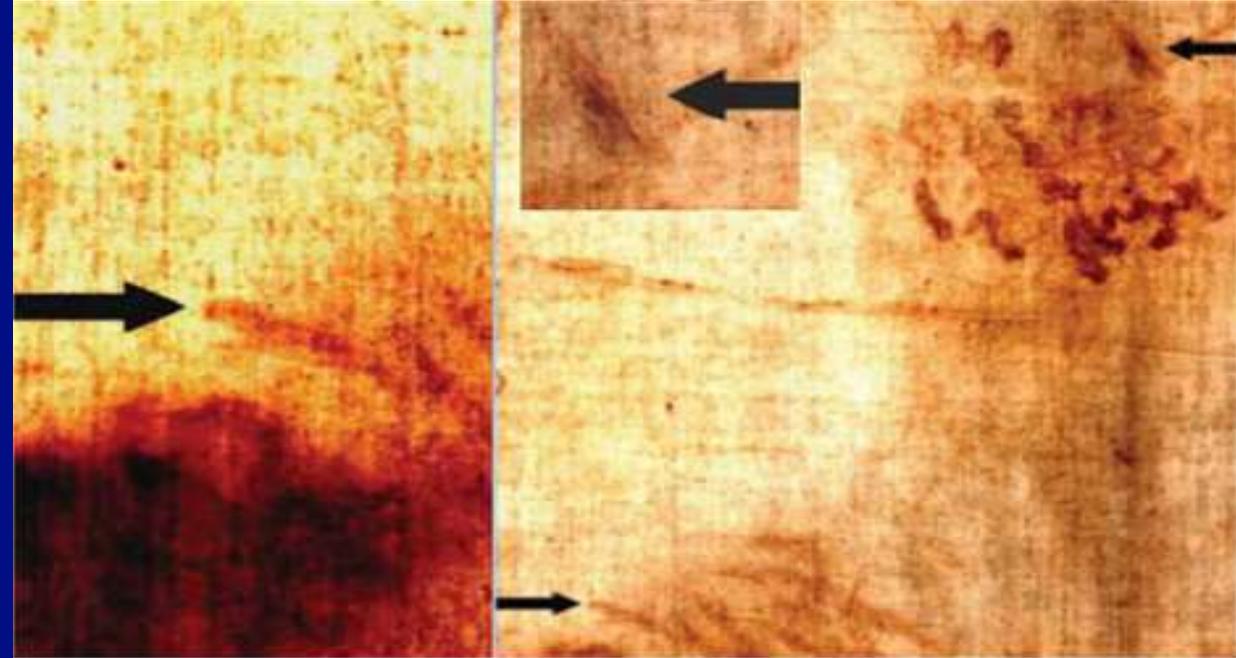
ARCHIVES OF Hematology Case Reports and Reviews

Review Article

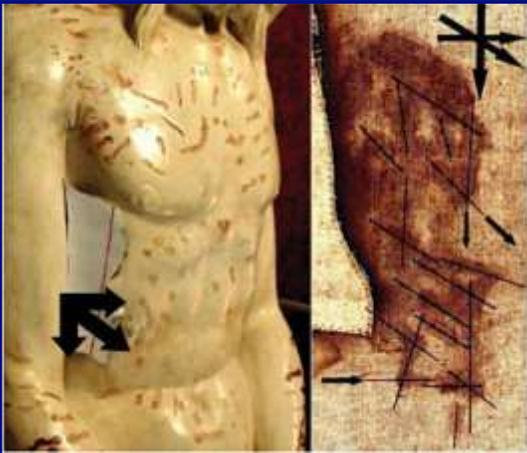
New Insights on Blood Evidence from the Turin Shroud Consistent with Jesus Christ's Tortures

Giulio Fanti*

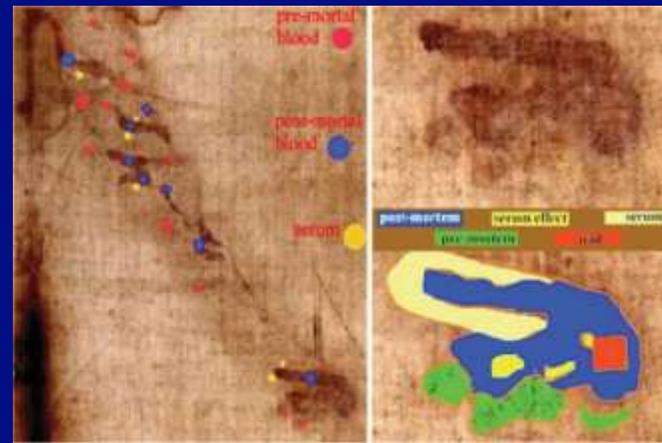
Abstract: ... this paper presents various news on blood. ... At a macroscopic level, news regarding the directions and position of blood are discussed. Also, the bloodstains on the left arm, right shoulder and head are examined.



The bloodstain on the shoulder confirms the **corona discharge effect** just seen and that on the head a scourge mark.



Different directions of bloodstains in the chest wound.



Different blood traces on the left arm.

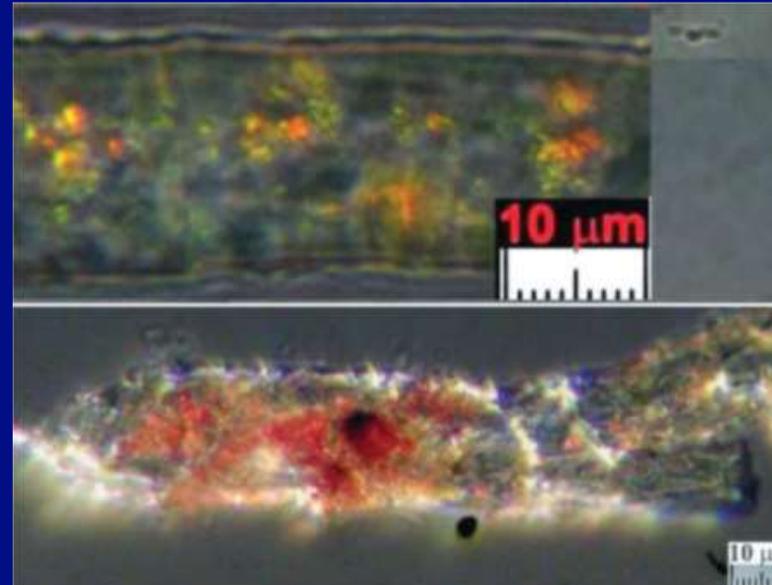
1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **BLOOD: Type A blood**

Peertechz
Archives of Hematology Case Reports and Reviews
CLINICAL GROUP
Review Article
submitpaper@peertechz.com

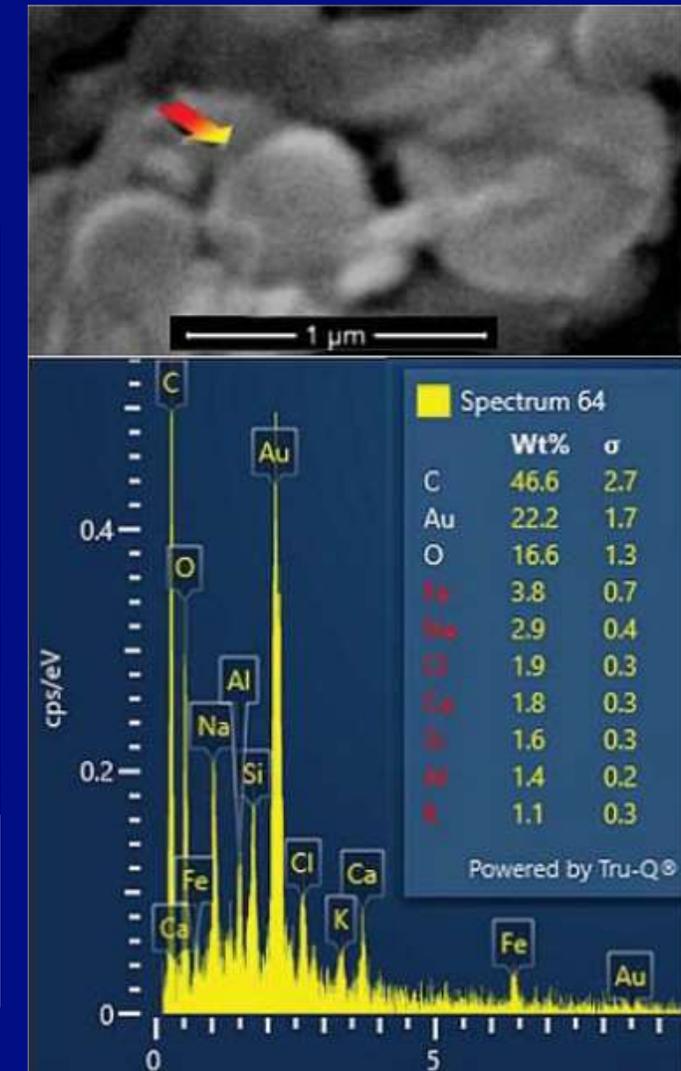
New Insights on Blood Evidence from the Turin Shroud Consistent with Jesus Christ's Tortures

Giulio Fanti*

Three types of blood, A, B and C are presented. Type A are rounded discoidal particles is like a donut with central concavity, very similar to red cells, but their size are about 10 time smaller.



Countless Type A particles (Raman analysis detected hemoglobin).



Elemental analysis of a Type A particle very similar to that of a blood cell.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **BLOOD: Type A blood**



Archives of Hematology Case Reports and Reviews

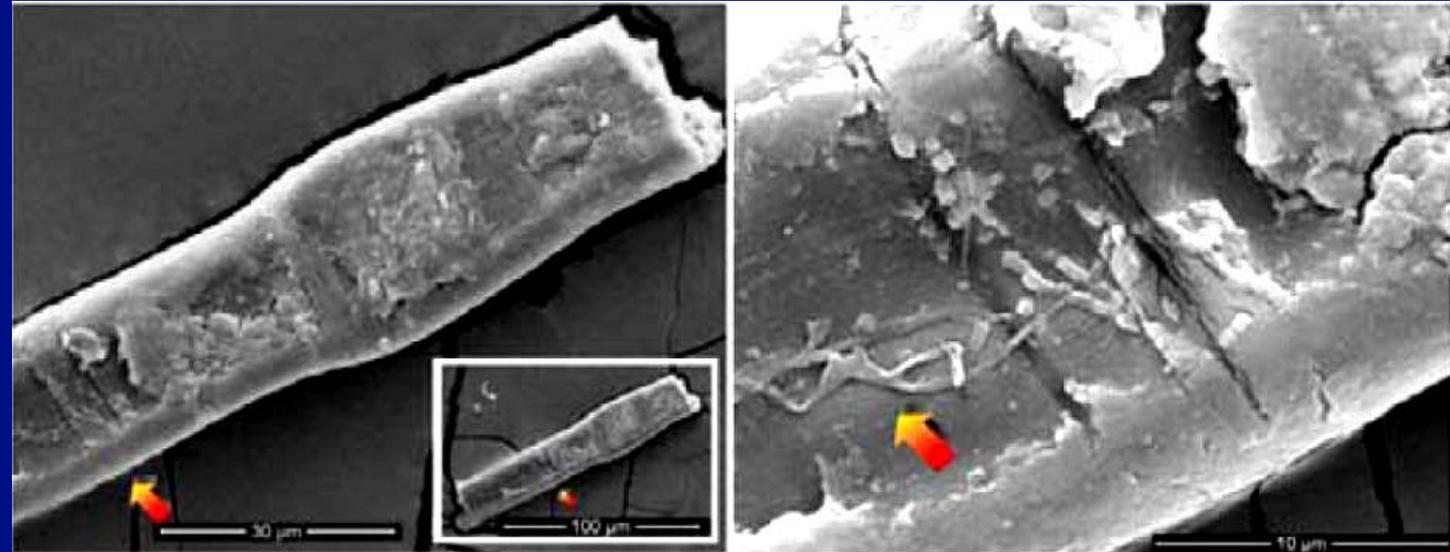
ARCHIVES OF Hematology Case Reports and Reviews

Review Article

New Insights on Blood Evidence from the Turin Shroud Consistent with Jesus Christ's Tortures

Giulio Fanti*

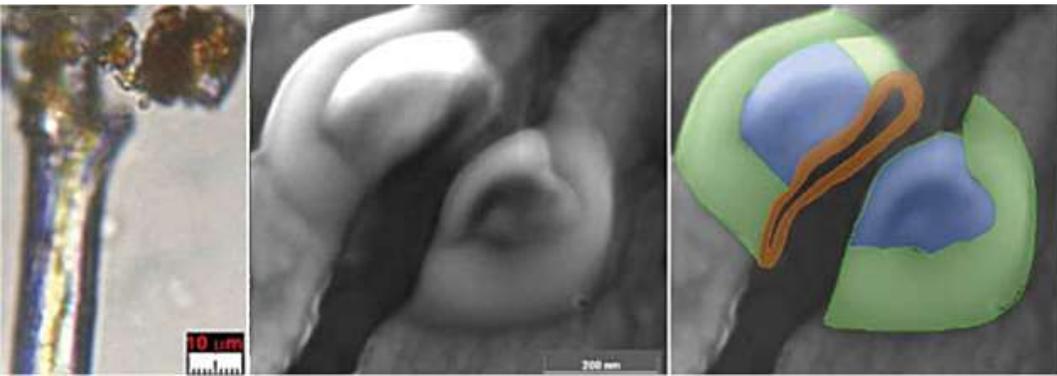
The rounded discoidal particles very similar to red cells of blood Type A, called microcytes, are put near fibrin filaments and creatinine nanoparticles.



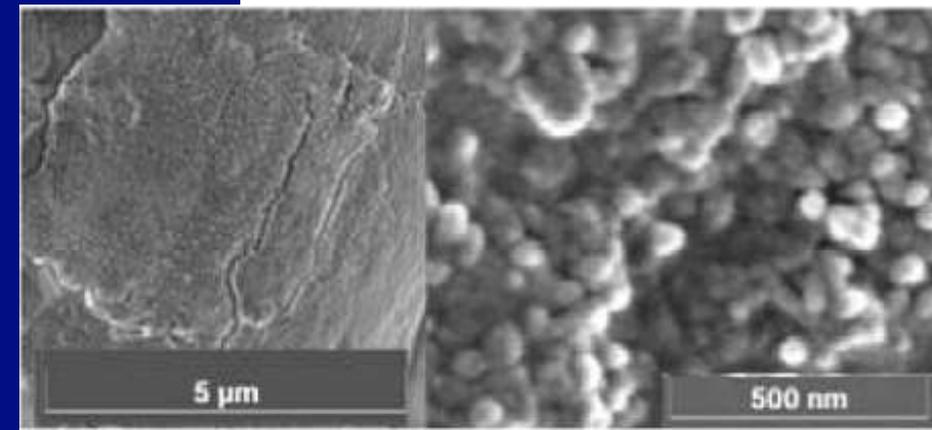
Fibrin is present near Type A blood.

Microcytes, creatinine and fibrin in Type A blood

Nanoparticles of creatinine.



Sectioned microcyte.



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **BLOOD: Types B, C blood**

Peertechz

Archives of
Hematology
Case Reports and
Reviews



ARCHIVES OF
Hematology Case Reports and Reviews

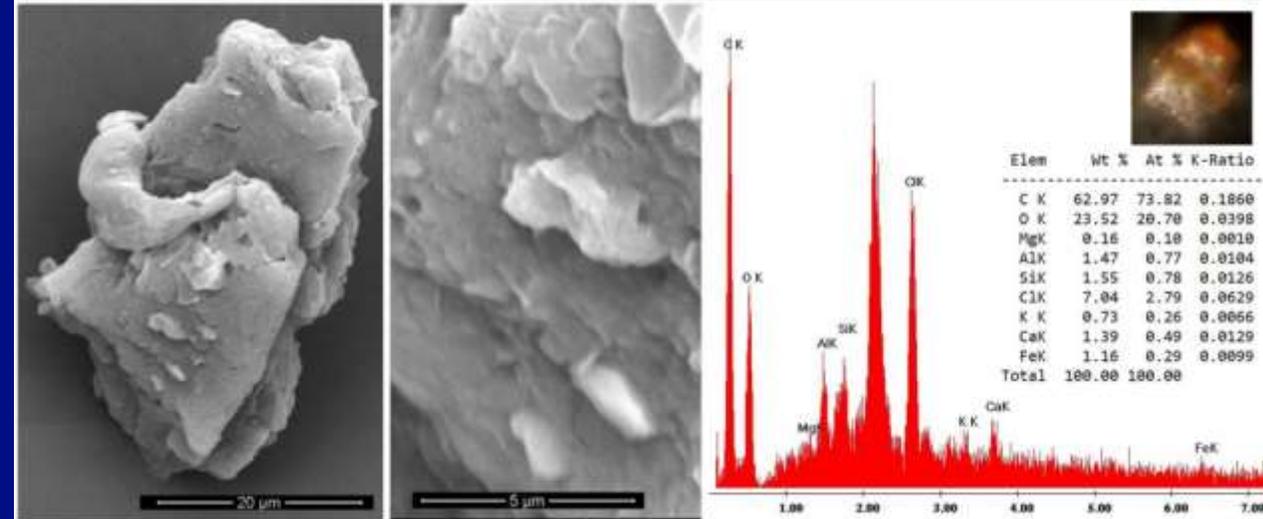
Review Article

New Insights on Blood Evidence from the Turin Shroud Consistent with Jesus Christ's Tortures

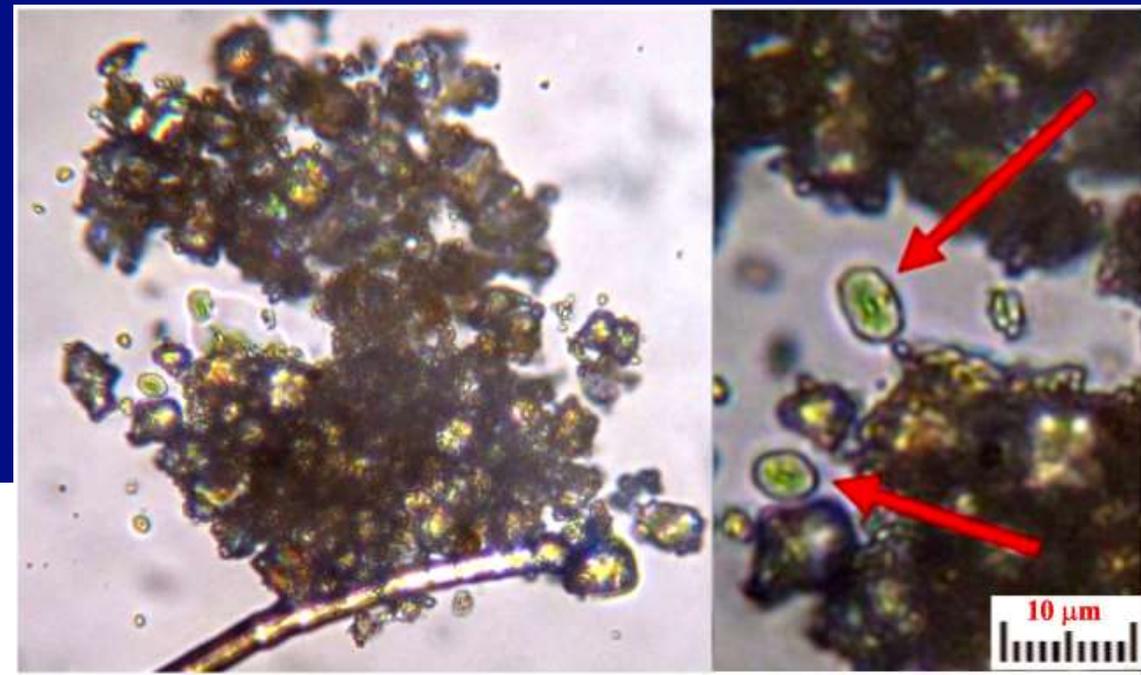
Giulio Fanti*

Type B blood consists of sherds of blood crusts probably of pre-mortem blood coagulated on the skin.

Type C blood consists in single blood cells having sizes from 2 to 5 μm .



Sherd of Type B blood with EDX elemental analysis.



Particles of Type C blood

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **BLOOD: Hematohidrosis?**

ISSN: 2584-0355
DOI: doi.org/10.51219/MCCRJ/Giulio-Fanti/193

URF PUBLISHERS
connect with research world

Medical & Clinical Case Reports Journal

<https://urfpublishers.com/journal/case-reports>

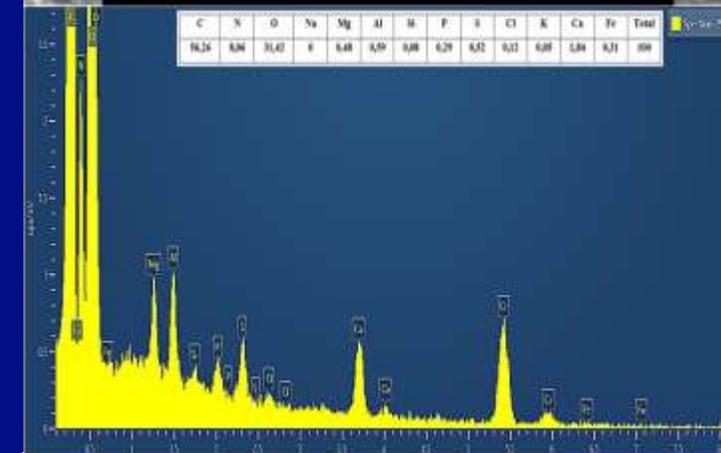
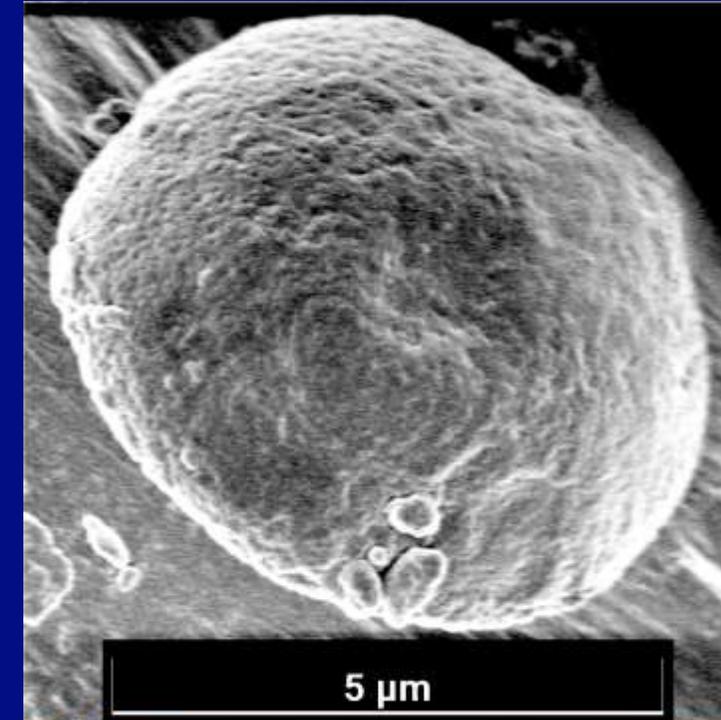
Vol: 3 & Iss: 1 Review

Evidence of Jesus' Hematidrosis on the Turin Shroud?

Giulio Fanti^{1*} and Carol Gregorek²

Type C blood is believed to be what Jesus exuded during his agony in Gethsemane Luke [22:44].

This study brings scientific results closer to those described in the Holy Bible, confirming the close relationship between science and faith.



Erythrocyte of Type C blood with elemental analysis.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **BLOOD: Myrrh on the nape?**

 UNIVERSITÀ DEGLI STUDI DI PADOVA

Università degli studi di Padova
Dipartimento di Ingegneria Industriale

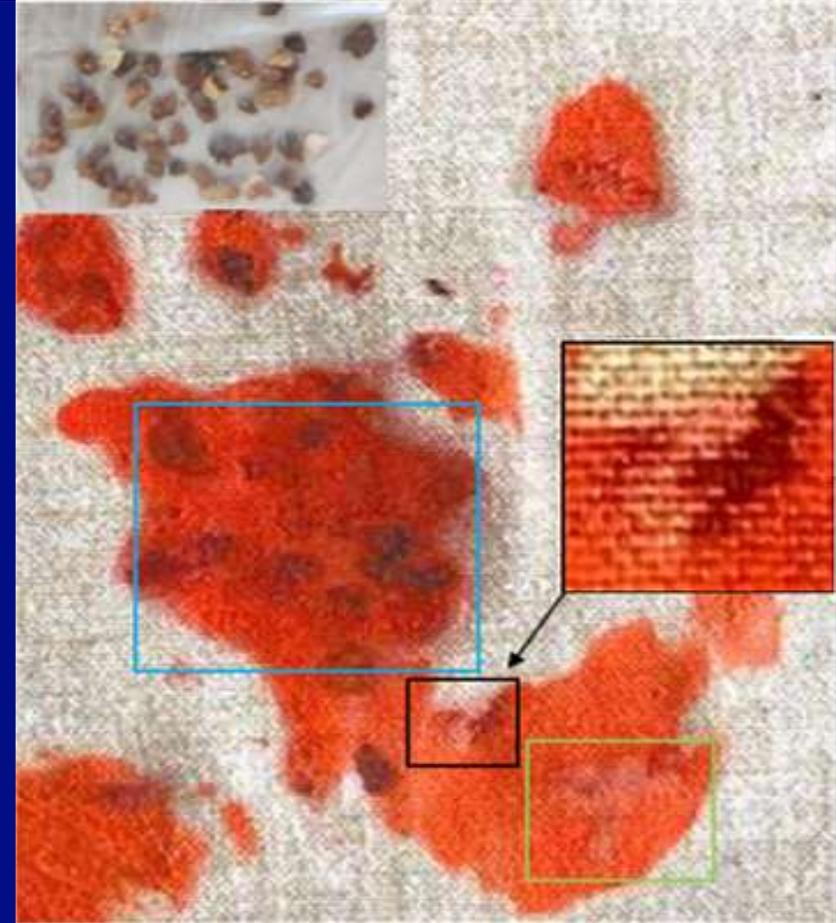
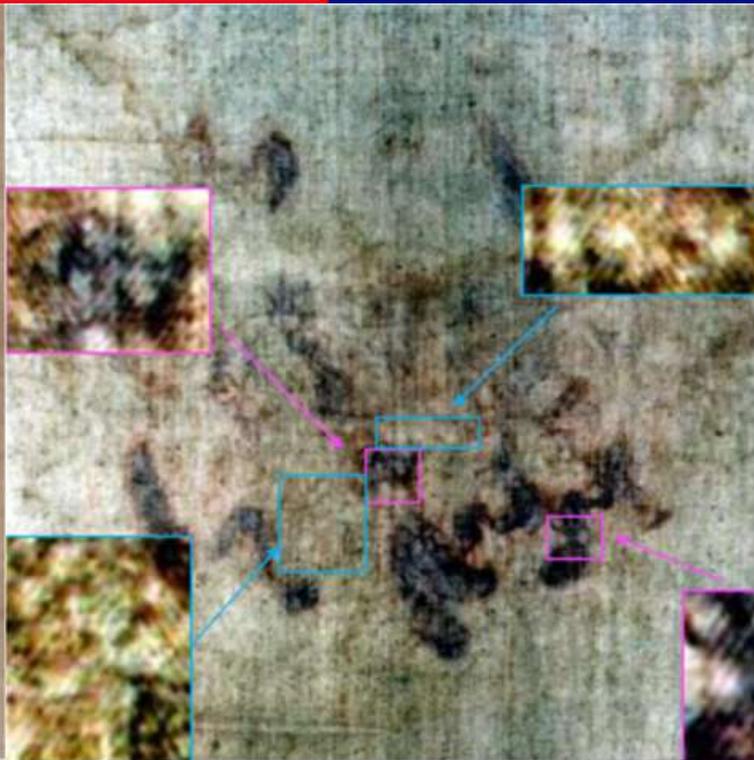
Corso di Laurea Triennale in Ingegneria Meccanica
Tesina:

Macchie di sangue della nuca sulla Sacra Sindone
Per il corso di Misure Meccaniche e Termiche

Relatore:
Prof. Fanti Giulio

Studenti:
Mattia Mangia Mat. 2040766
Christian Rigotti Mat. 2072406
Fabio Zenari Mat. 2070014

Experimental tests have shown a compatibility between the bloodstains of the occipital region of the HS and the stains reproduced by grains soluble in blood such as myrrh mixed with aloe.



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Nearly 500 scourge marks**



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Università degli studi di Padova
Dipartimento di Ingegneria Industriale

Corso di Laurea Triennale in Ingegneria Meccanica
Tesina:

Analisi e reverse engineering di ferite da flagello della Sacra Sindone

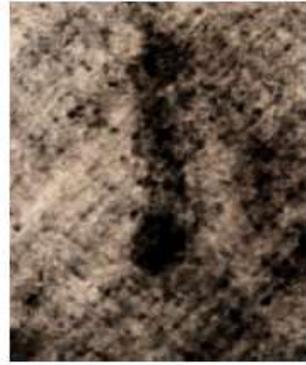
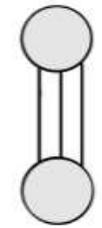
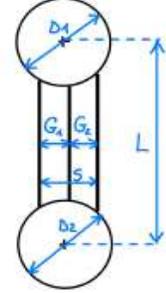
Per il corso di Misure Meccaniche e Termiche

Anno accademico: 2024/2025

Matteo Cardin Vittorio Cinquetti Leonado Rizzotto Marta Romanello
Antonio Rozzi Marin Luca Simonetti

Relatore:
Prof. Fanti Giulio

DUE PALLINI CON GRAFFI

DIMENSIONI CARATTERISTICHE	IMMAGINE FLAGELLO	MODELLO TEORICO	SCHEMA		
diametro 1 D_1 diametro 2 D_2 lunghezza L larghezza totale S distanza graffi G_1 distanza graffi G_2 Example α					
dimensioni	valore massimo [mm]	valore minimo [mm]	Δ valori [mm]	valore medio [mm]	scarto [mm]
diametro	$9,84 \pm 1,3$	$7,09 \pm 0,97$	$2,74 \pm 1,66$	8,65	0,90
lunghezza	$29,86 \pm 0,29$	$19,16 \pm 0,27$	$10,70 \pm 0,40$	24,68	4,12
larghezza	$12,06 \pm 0,73$	$6,86 \pm 0,12$	$5,20 \pm 0,74$	8,44	2,11
distanza graffi	$4,59 \pm 0,61$	$2,26 \pm 0,09$	$2,33 \pm 0,61$	2,99	0,55

“Analysis and reverse engineering of scourge marks on the Holy Shroud”

441 scourge marks (uncertainty range between +61 and -10) have been detected studying the Durante’s 2000 and UV-Miller photos of the HS.

Six categories of marks have been defined:

- α : Two dots
- β : Parallel scratches
- γ : Non-parallel scratches
- δ : Beatings
- X: Unclassifiable flagellation marks
- Z: Uncertain marks

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Nearly 500 scourge marks**

 UNIVERSITÀ DEGLI STUDI DI PADOVA
Università degli studi di Padova
Dipartimento di Ingegneria Industriale

Corso di Laurea Triennale in Ingegneria Meccanica
Tesina:

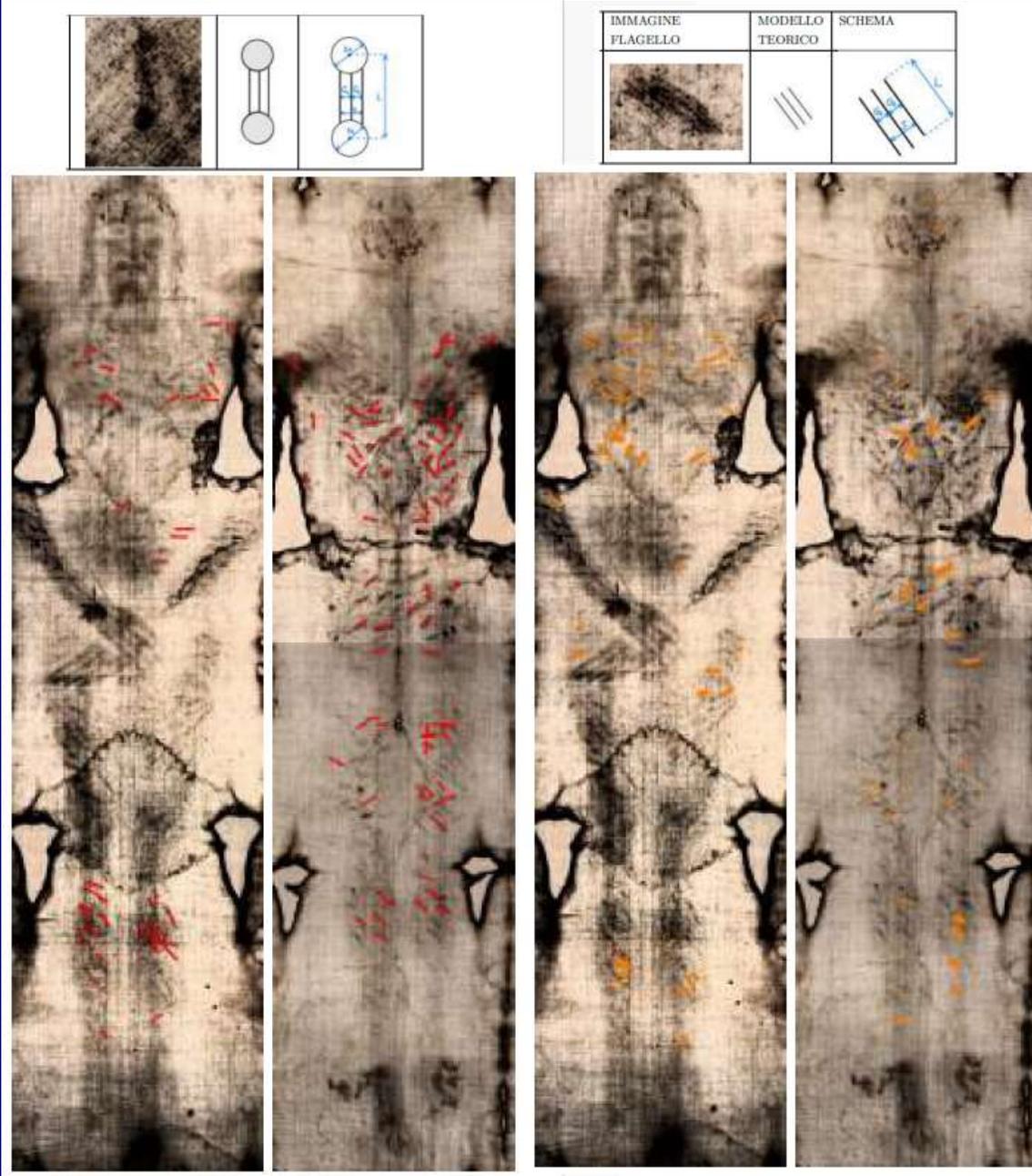
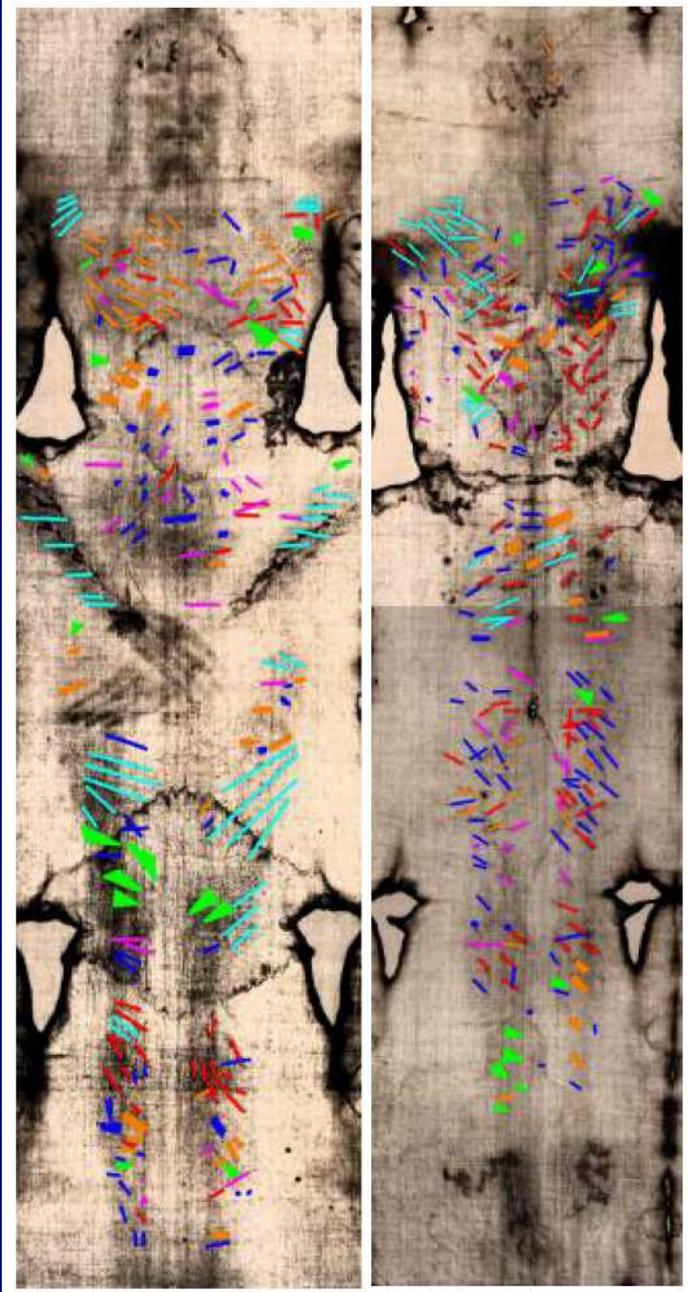
Analisi e reverse engineering di ferite da flagello della Sacra Sindone
Per il corso di Misure Meccaniche e Termiche
Anno accademico: 2024/2025

Matteo Cardin Vittorio Cinquetti Leonardo Rizzotto Marta Romanello
Antonio Rozzi Marin Luca Simonetti

Relatore:
Prof. Fanti Giulio

Six categories of scourge marks are unevenly distributed, suggesting that the different scourgers changed their instruments of torture and directed their blows at specific areas.

Left dumbbell marks are different from right ones.



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Flagellation of the kidneys**

ISSN: 2584-0355
DOI: doi.org/10.51219/MCCRJ/Giulio-Fanti/115

URF PUBLISHERS
connect with research world

Medical & Clinical Case Reports Journal

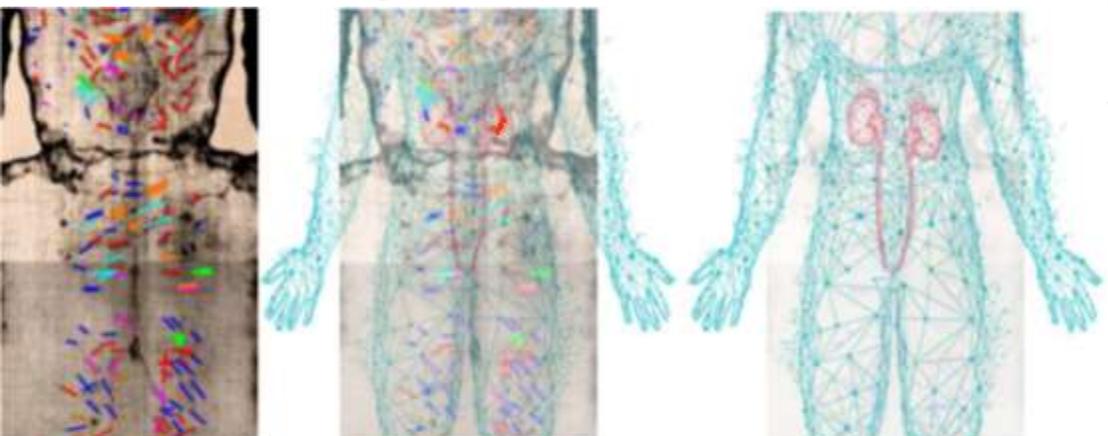
<https://urfpublishers.com/journal/case-reports>

Vol: 2 & Iss: 3 Review

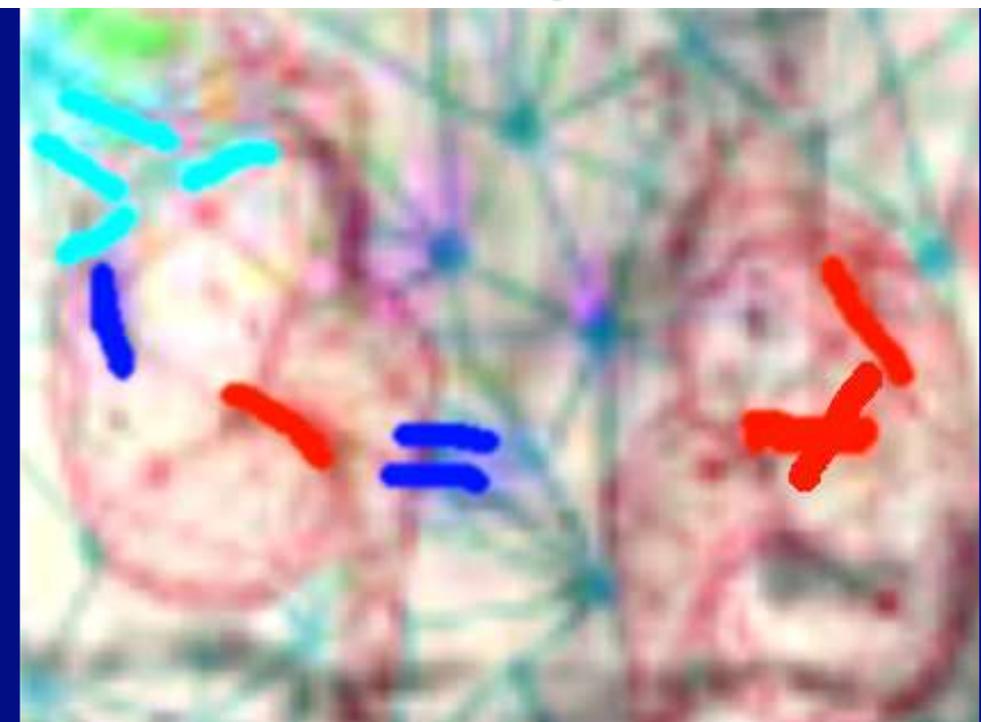
The Last Hour of Jesus Christ: A Case Study from Recent New Insights on the Turin Shroud

Giulio Fanti

The atrocious flagellation, visible on the Relic and mentioned in the Bible, indicates that Jesus suffered from kidney failure which produced urea in the blood.



It results that the kidneys were beaten with 4 shots of rod, 4 shots of "dumbbell" and 3 not easy to classify.



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Heart attack due to scourges**

International Clinical and Medical Case Reports Journal
Opinion Article (ISSN: 2832-5788)



Turin Shroud: Etiology of Jesus Christ's Death for Infarction Followed by Hemopericardium

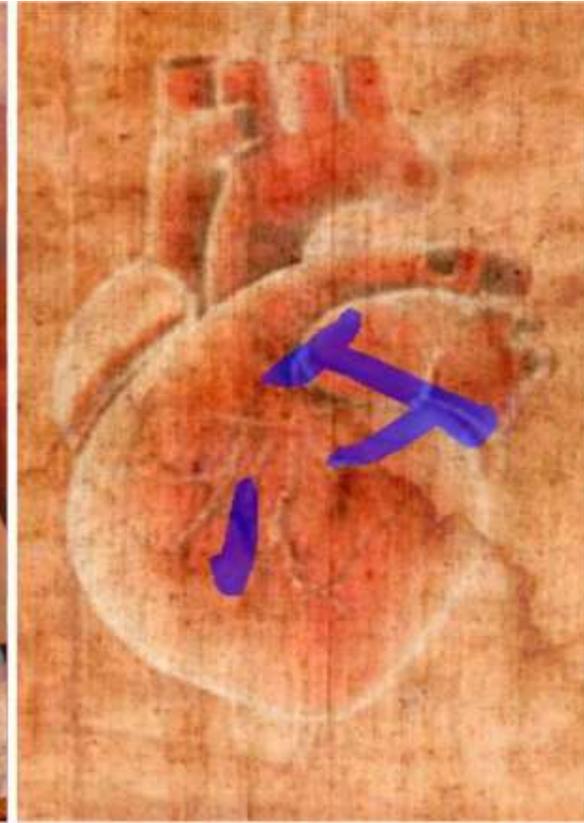
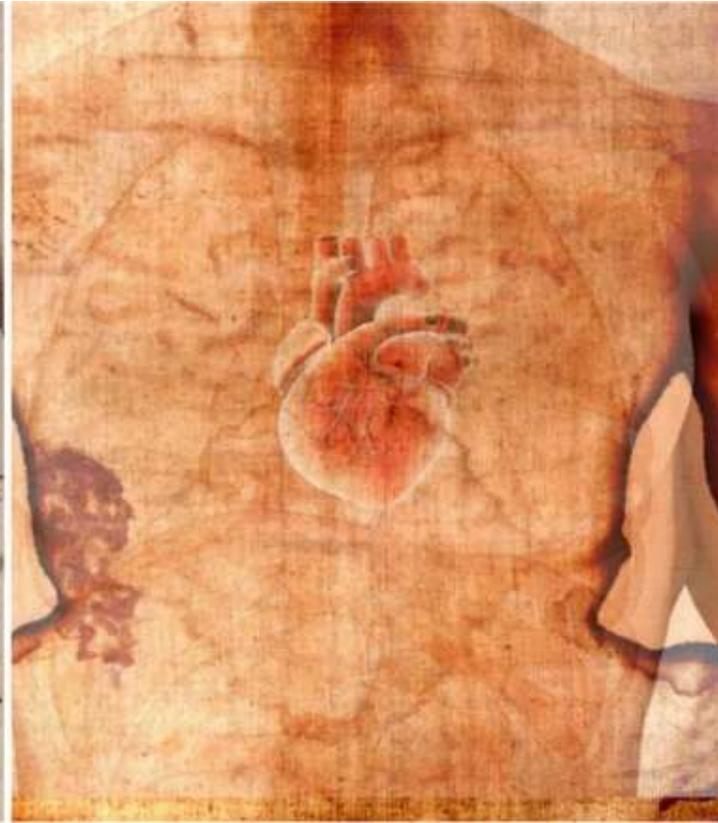
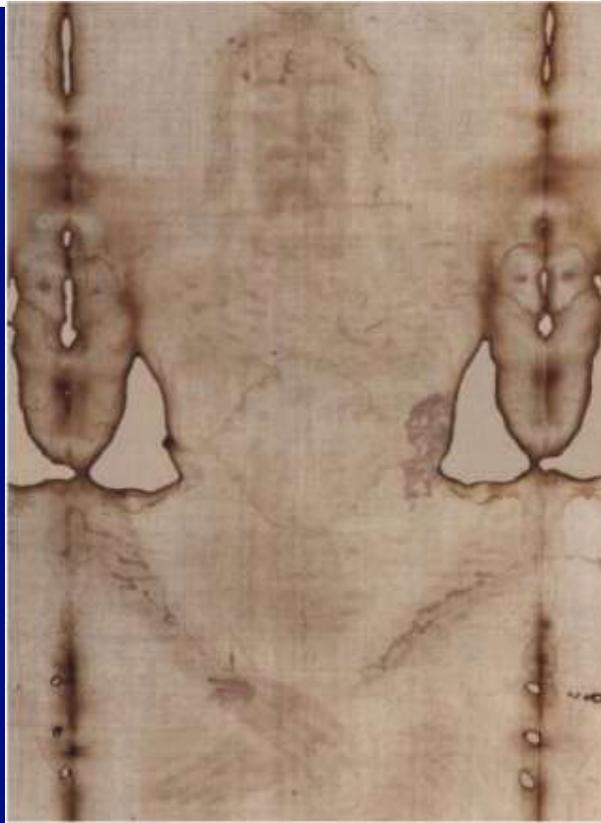
Giulio Fanti^{1*}, Mario Ascolese²

¹Department of Industrial Engineering, University of Padua, via Venezia 1, 35131 Padua, Italy

²Prof. MD, Ph.D. in Surgical Sciences of the Developmental Age, President AMCI Campania Region (Italian Catholic Doctors Association), Italy

During the heavy flagellation, of the almost 500 blows visible on the HS, 4 were directed to the heart.

The blows of flagrum did not tear the heart but caused a trauma, the beginning of the heart attack.



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Respiratory problems**

International Clinical and Medical Case Reports Journal

Opinion Article (ISSN: 2832-5788)

 Salient Visionary
Publications

Turin Shroud: Etiology of Jesus Christ's Death for Infarction Followed by Hemopericardium

Giulio Fanti^{1*}, Mario Ascolese²

The very high acute renal failure due to flagellation, caused microcytic anemia, that implies the extreme difficulties Jesus had in oxygen exchange, producing extremely labored breathing.

Jesus on the cross manifested:

- Tremors on the cross (so causalgia due to nails),
- Tachycardia
- Heart attack followed by tamponade for hemopericardium "*Jesus, with a loud cry, breathed his last.*" (Mark 15:37)



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Causes of hemopericardium**

International Clinical and Medical Case Reports Journal
Opinion Article (ISSN: 2832-5788)

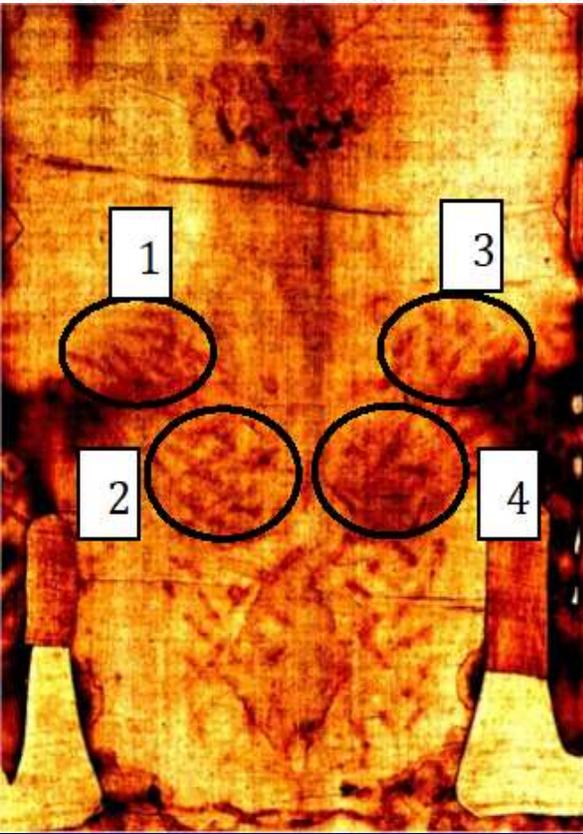


Turin Shroud: Etiology of Jesus Christ's Death for Infarction Followed by Hemopericardium

Giulio Fanti^{1*}, Mario Ascolese²

¹Department of Industrial Engineering, University of Padua, via Venezia 1, 35131 Padua, Italy

²Prof. MD, Ph.D. in Surgical Sciences of the Developmental Age, President AMCI Campania Region (Italian)



Precursor effects of the cardiac attack

CARRYING THE CROSS, the immense effort with weakening and breathing difficulties accentuated the cardiovascular dysfunction.

EFFECT OF TORTURES, including crowning with thorns produced hypovolemia (reduction of blood volume), increasing of respiration frequency, production of lactic acid that caused intense tremors. All these contributed to a pericardial effusion.

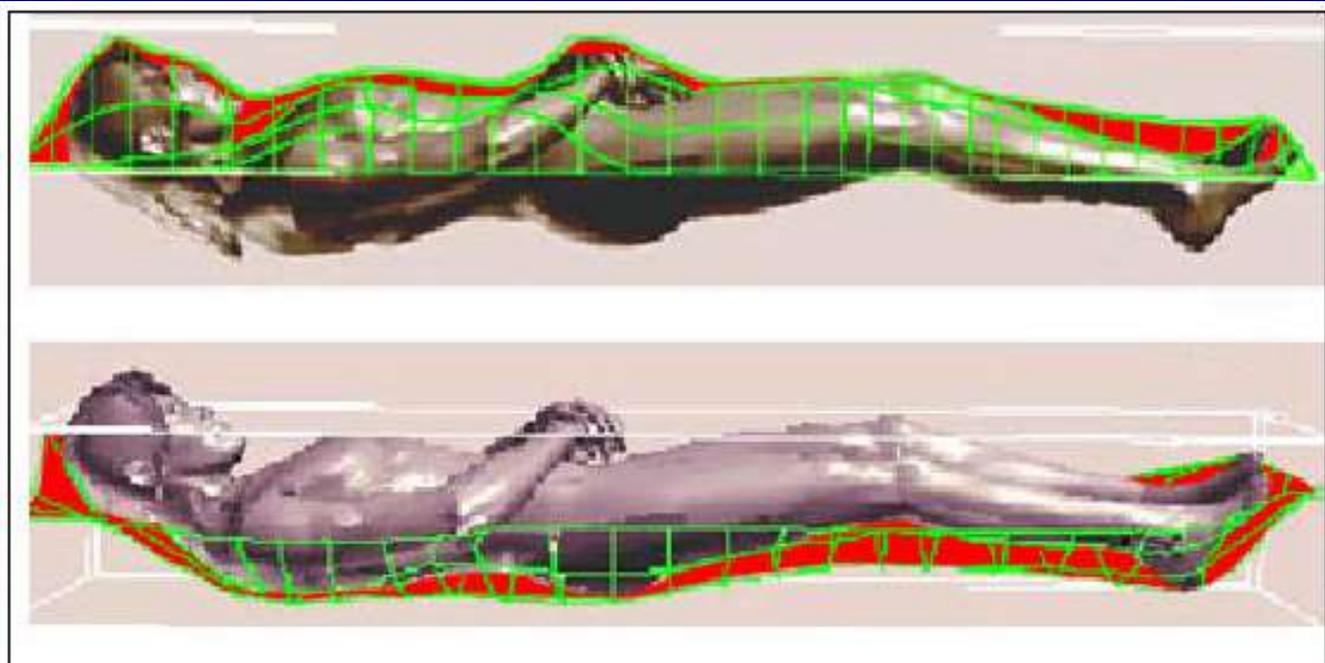
The blood leakage from the heart muscle filled the hemopericardial layer and produced tamponade (with loud cry).

DEATH BY HEART ATTACK, HEMOPERICARDIUM AND CARDIAC TAMPONADE.

Jesus carried the whole cross.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): Rigor mortis in the sepulcher

Point 1



RIGOR MORTIS can last 36-48 hours, but can reach up to 120 hours.

The Gospels confirm that, after death, the body was removed from the cross, wrapped in a shroud, and placed in a tomb from Friday evening to Sunday morning (just 36-40 hours)

(John 19:38-42).

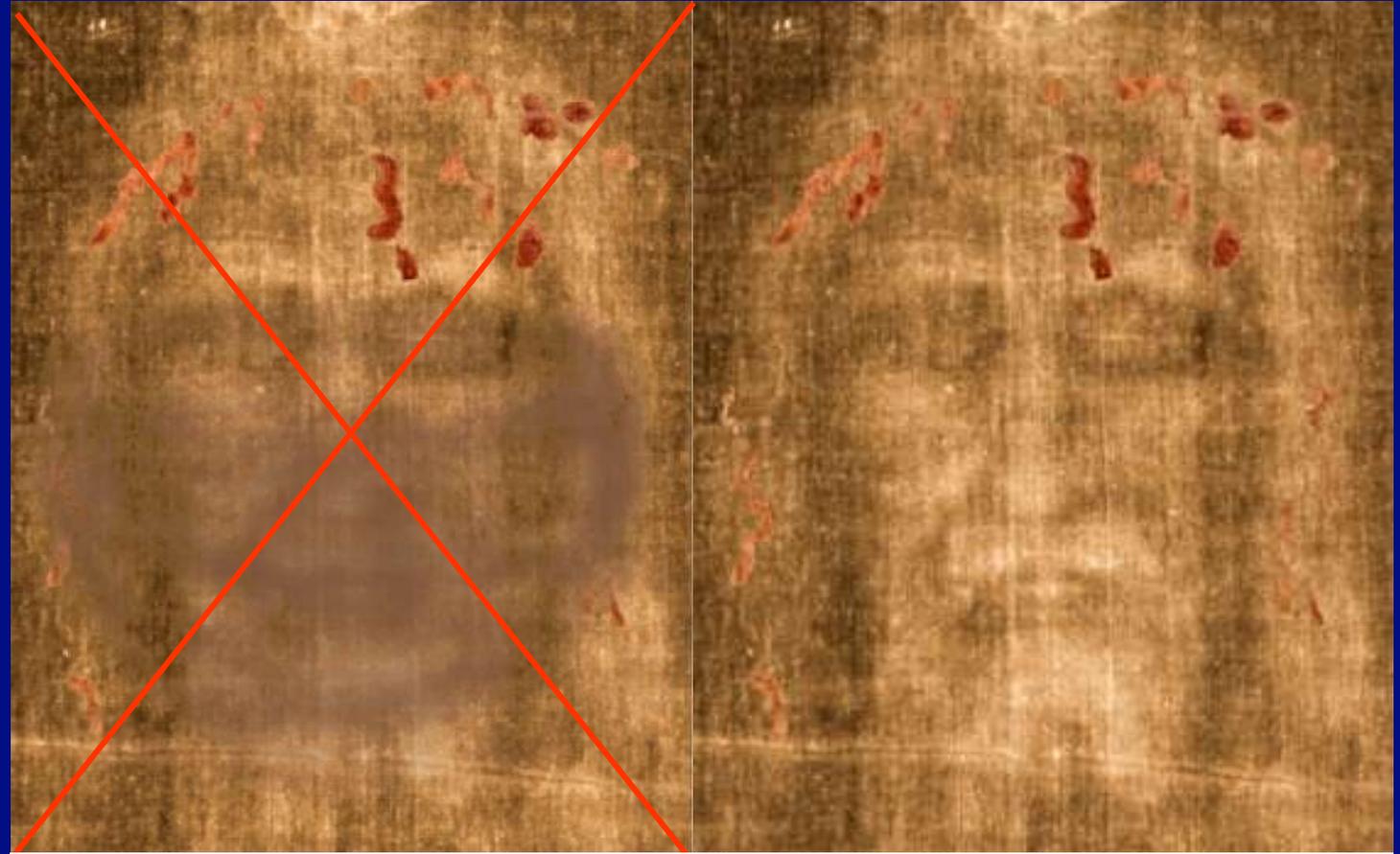
RIGOR MORTIS EVIDENCED BY CALCULATIONS
Jesus' head bowed forward, His knees partially bent, and His feet extended forward (dislocation) are consistent with an upright position on the cross.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **No putrefaction**

Point 2



There are no putrefaction signs, so Jesus' body remained wrapped in the HS for a **time shorter than 48-72 hours** of gas release.



Reactive putrefactive gases would have stained the face

“You will not abandon my soul to Sheol, nor will you allow your Holy One to see corruption” (Ps 16:10).

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **In the sepulcher, no movements**

Point 3



Once positioned on the preparation stone, **the body was no longer removed**, waiting to complete burial operations on **Easter Sunday**.



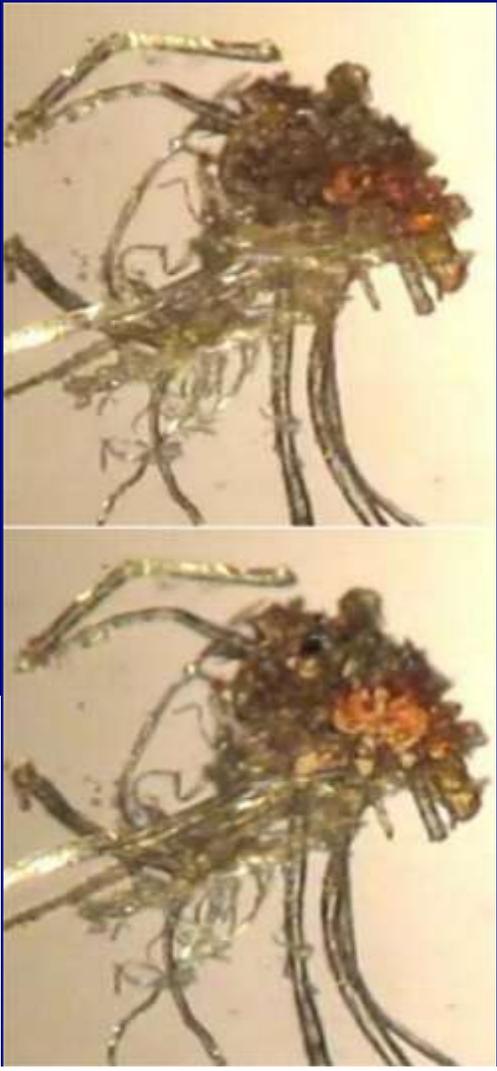
No bloodstain on the HS has smearing but all the bloodstains are perfectly transferred. Therefore there was **no relative movement** between the body and the HS.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): In the sepulcher, fluid blood

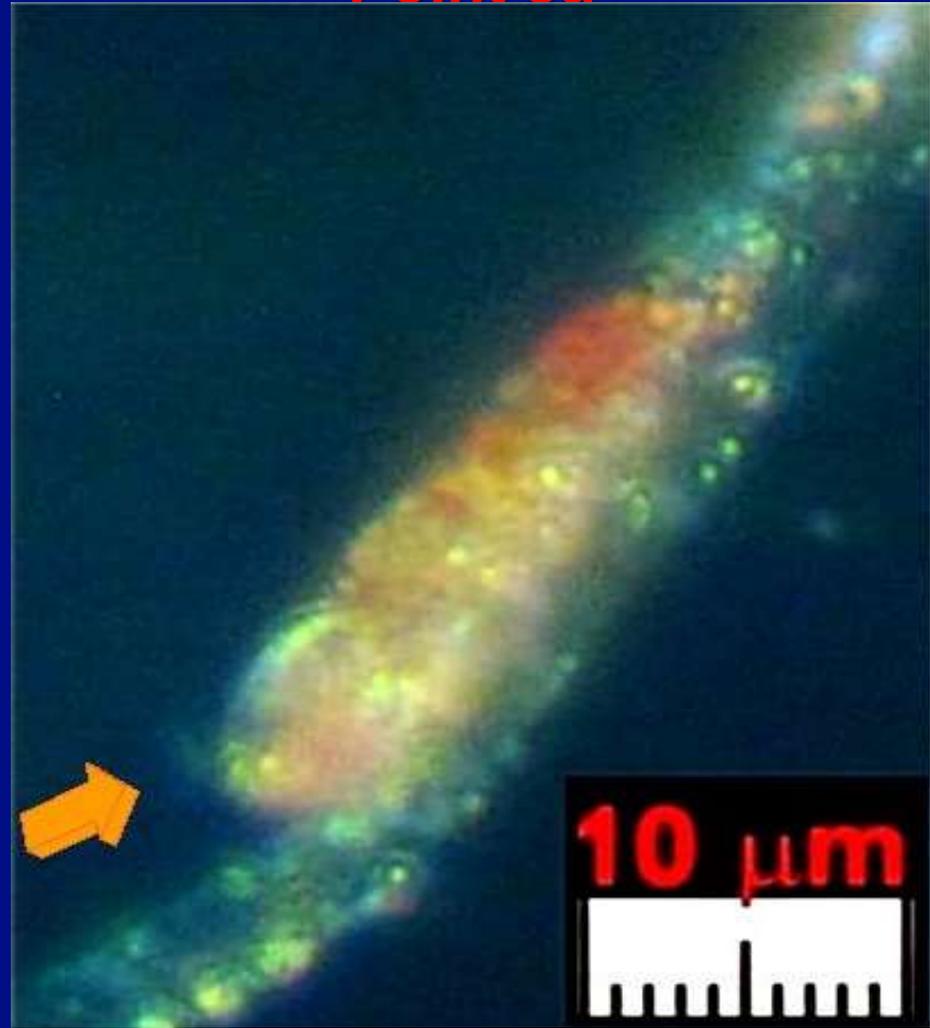


The post-mortem blood penetrated the HS, at least partly in a liquid state and this blood is still found today in crusts in a plastic state.

The body was not tampered with or moved due to the lack of smudges in the still liquid bloodstains.



Point 3a



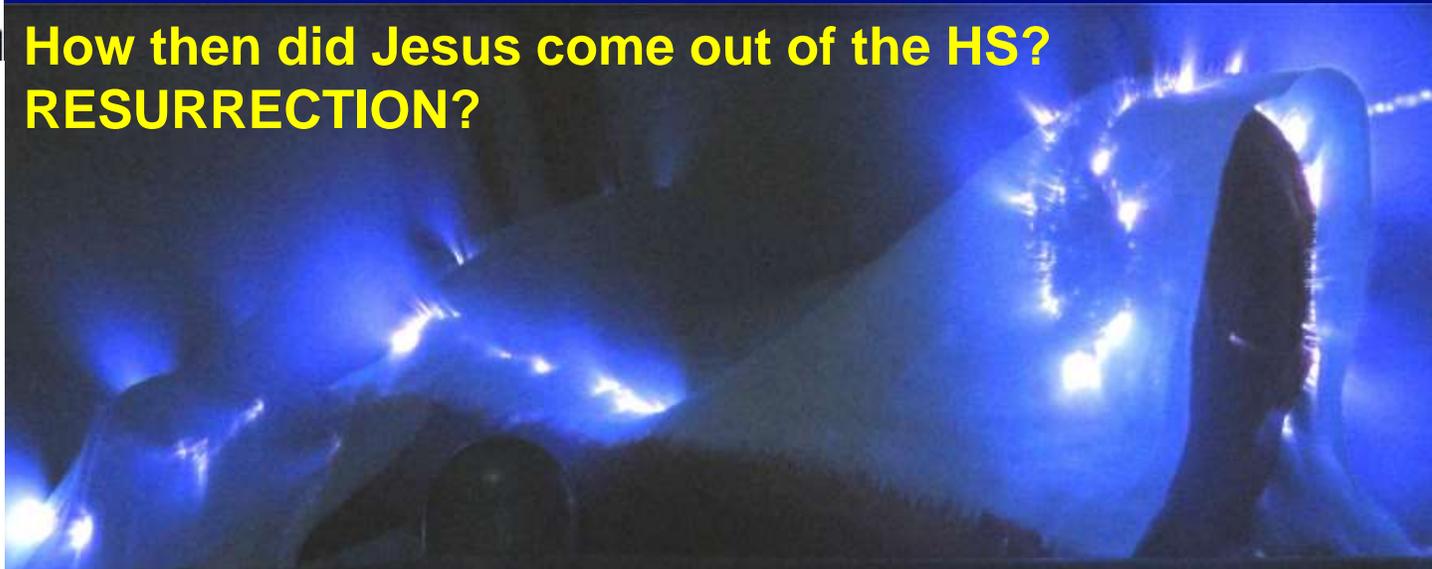
Blood transferred in fluid form on the HS.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Resurrection?**

- Scientific problem in summary:
- 1. Cadaveric rigidity <48 hours;
 - 2. No putrefaction <72 hours;
 - 3. No movement, no bloodstains

How did the disappearance occur?

**How then did Jesus come out of the HS?
RESURRECTION?**



A **scientific problem** is unsolved: a **body** wrapped up in the HS, waiting for Sunday to be placed in the funerary niche of the tomb, remained there less than about 40 hours (1-rigor mortis, 2-no putrefaction, 3-no smearing with fluid blood) was not moved, but **disappeared**.

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Transparency of matter?**

*“Then the other disciple also entered (into the tomb)... and he **saw and believed**. They did not yet understand the Scripture, that he must **rise from the dead**.”* (John 20:8-9).
Jesus became materially transparent with respect to the HS and emanated an **energy-light** (corona discharge), the cause of the body image.

The particular, flaccid shape of the HS with the **sudarium** still **“wrapped”** induced John to believe in the Resurrection of Christ

[From the Greek: *“And the sudarium that was on his head was not lying with the cloths but was wrapped differently (from the cloths) **in the same place**”* John 20:7].

This can be explained by thinking that the light-energy of the Resurrection made the body of Jesus materially transparent.

Deposition on H. Friday



Resurrection on H. Sunday morning



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Transparency of matter?**

ISSN: 2584-0355

DOI: doi.org/10.51219/MCCRJ/Giulio-Fanti/145

 **URF PUBLISHERS**
connect with research world

Medical & Clinical Case Reports Journal

<https://urfpublishers.com/journal/case-reports>

Vol: 2 & Iss: 4

Review

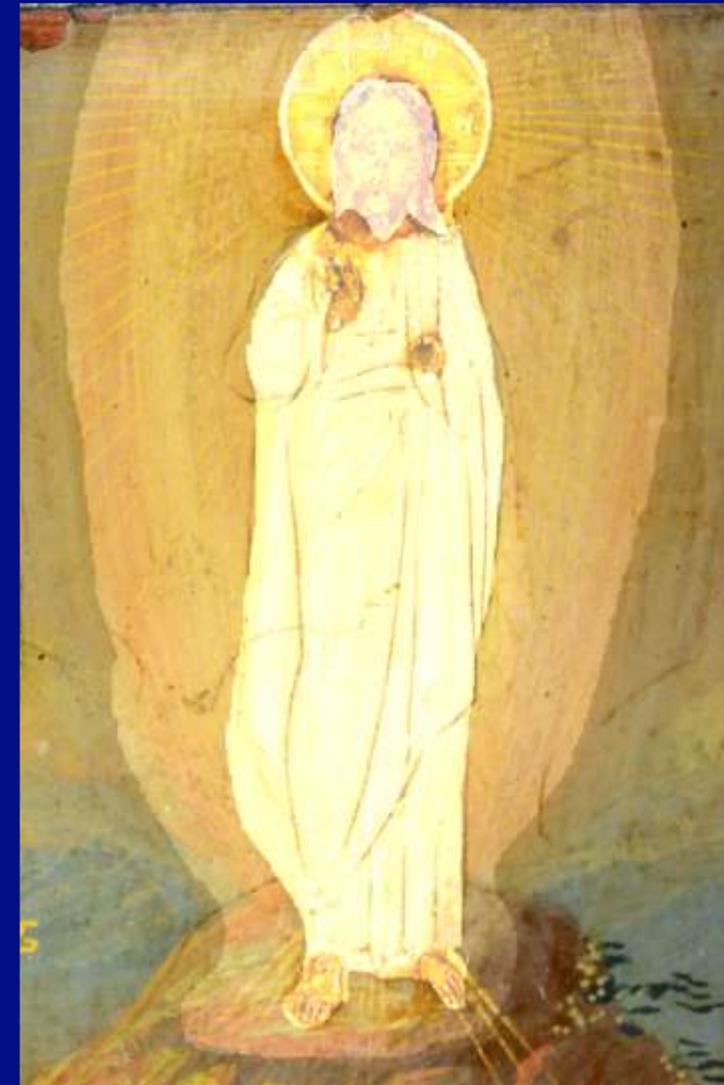
Turin Shroud: Insights' Review Confirming Biblical Reports About Etiology of Jesus Christ's Death and Resurrection

Giulio Fanti*

Hypothesis out of science: transparency of the matter.

The material Body of Christ passed through the HS in a “transparent” way and, according to the Bible, subsequently passed 2 times through the walls of the Cenacle.

In extremely **high light-energy conditions, the interpenetration of matter would not be impossible. Therefore a physical body would not be deprived of its material reality even when it reaches this particularly energetic state, but rather this body becomes transparent with respect to the matter and it can penetrate it as long as it is rich in energy.**



Transfiguration of M. Tabor: prelude of the Resurrection

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Transparency of matter?**

ISSN: 2584-0355
DOI: doi.org/10.51219/MCCRJ/Giulio-Fanti/145

URF PUBLISHERS
connect with research world

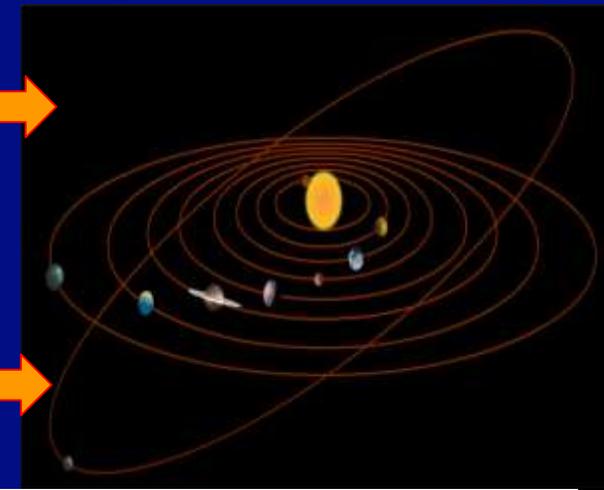
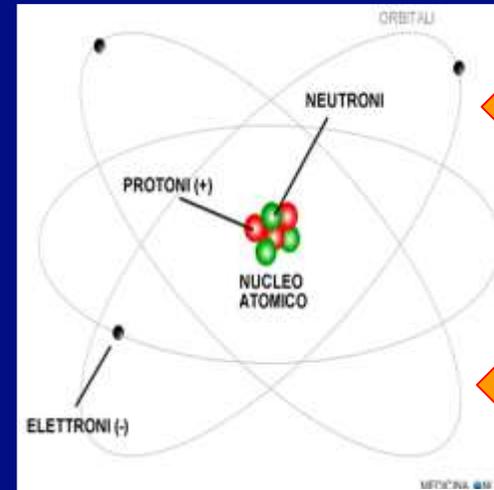
Medical & Clinical Case Reports Journal

<https://urfpublishers.com/journal/case-reports>

Vol: 2 & Iss: 4 Review

Turin Shroud: Insights' Review Confirming Biblical Reports About Etiology of Jesus Christ's Death and Resurrection

Giulio Fanti*

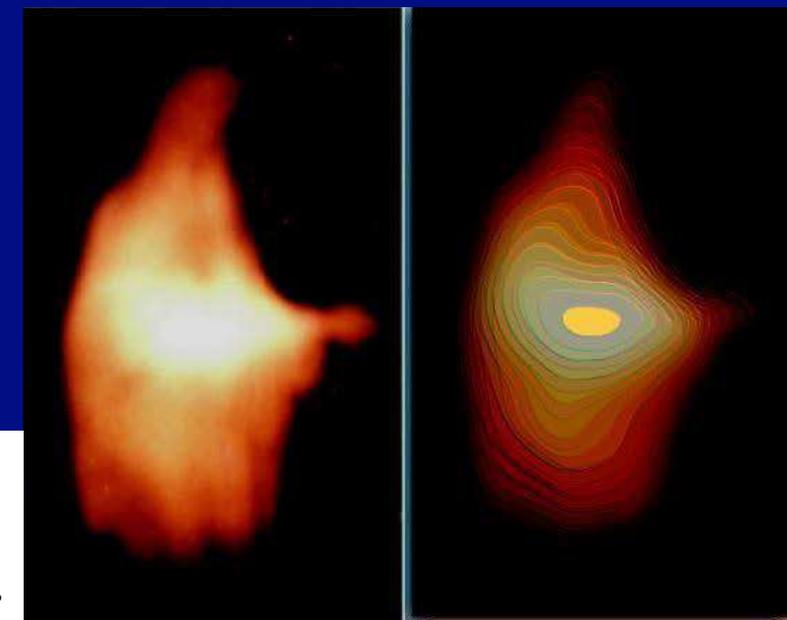


Like the solar system, the atom is practically empty, its core is 10,000 times smaller.

Possible explanation: **atom-solar system analogy.**

The penetration of matter would be possible if the material body were supplied with an intense light-energy. The physical Body of Jesus, supplied with an extremely intense light-energy would not be deprived of material reality even Glorious, but would become transparent to matter (like Baby Jesus during the passage through the Maternal Womb).

By supplying the atoms with very intense light energy, which causes the atoms to rotate at very high speeds, their kinetic forces exceed the interatomic forces: the atoms could then pass through other atoms. The probability of impact during the crossing would be very small given their volumes.



**Blue Cross
at
Medjugorje.**

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Transparency of matter?**

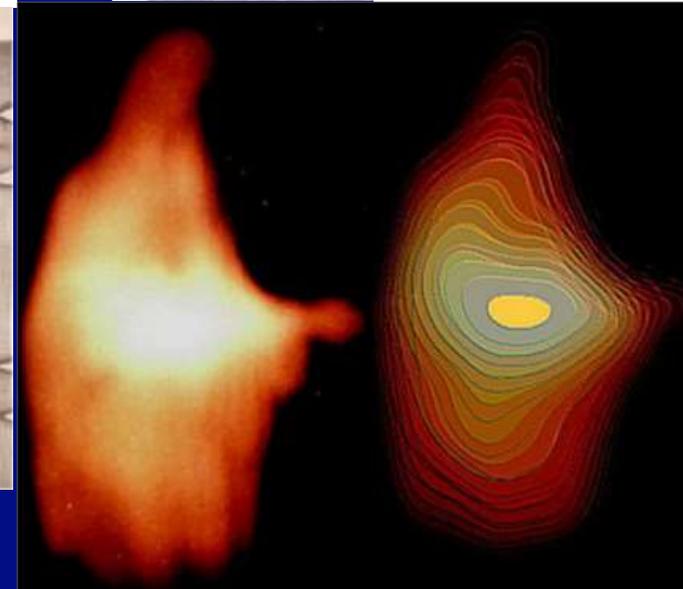
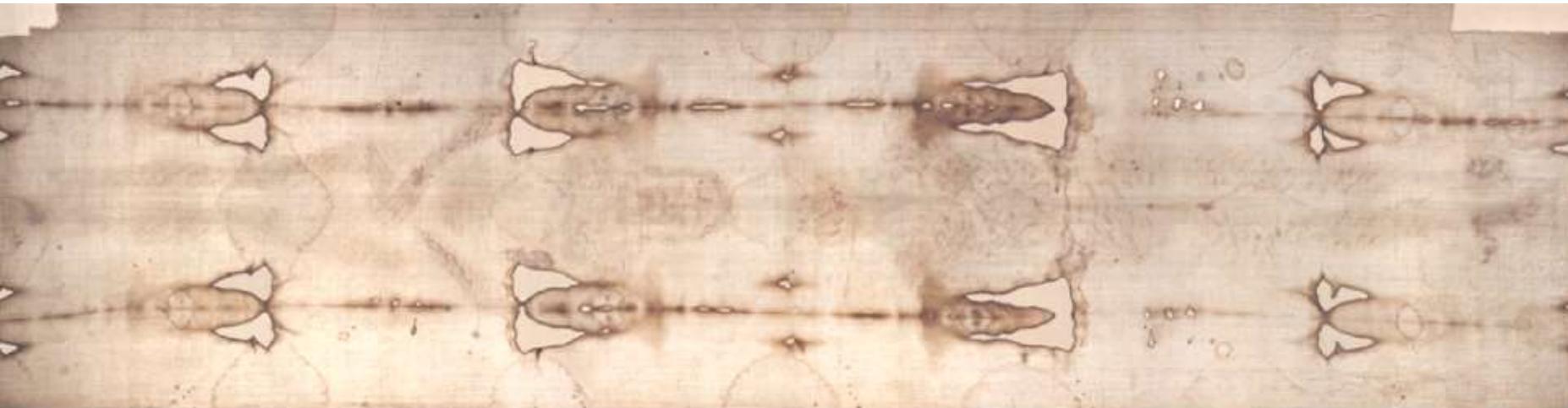
A CONFIRMATION MORE THAN 70 YEARS OLD

Maria Valtorta from "Notebooks of 20-5-1949": VIRGINITY OF MARY

*The Lord tells me... «My **Shroud**, O Mary, for those who know how to see, is not only a **testimony** that I am truly **dead and resurrected**, but also a testimony of how I was conceived and born not according to the laws of humanity. It is therefore confirmation of the truths that my Religion teaches: my conception by the action of the Holy Spirit; the divine Motherhood of **Mary**; Her **perpetual virginity**; my passion and death; my glorious resurrection. But this is a confirmation for those who, in the light of God, are given to see».*



**Blue Cross
at
Medjugorje**



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Dogma of the Verginity**

ISSN: 2584-0355
DOI: doi.org/10.51219/MCCRJ/Giulio-Fanti/145

URF PUBLISHERS
connect with research world

Medical & Clinical Case Reports Journal

<https://urfpublishers.com/journal/case-reports>

Vol: 2 & Iss: 4

Review

Turin Shroud: Insights' Review Confirming Biblical Reports About Etiology of Jesus Christ's Death and Resurrection

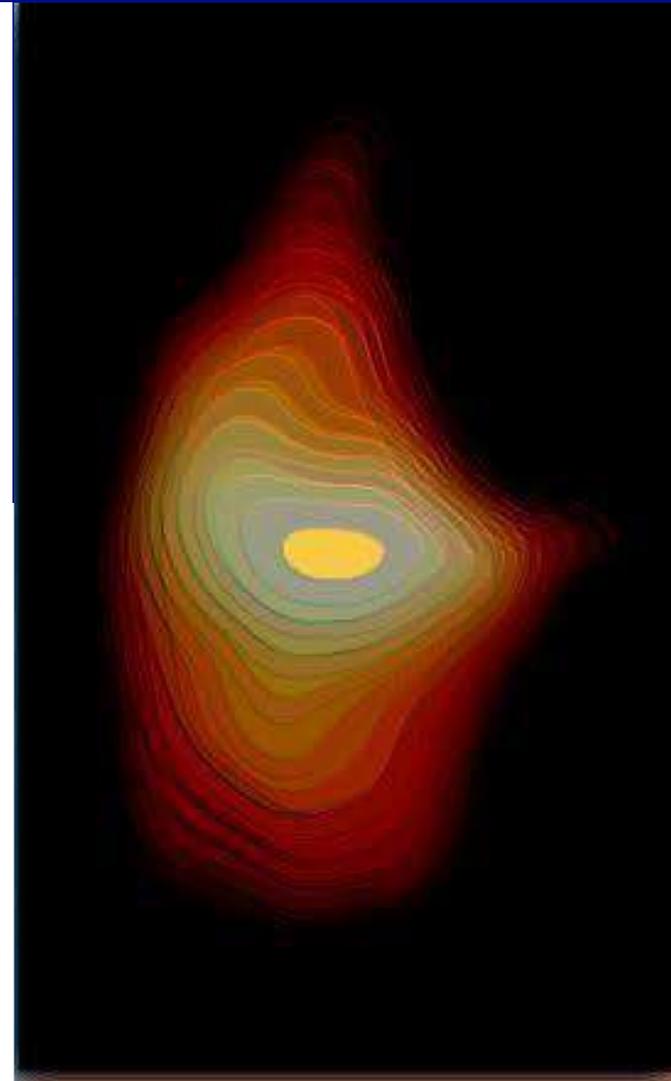
Giulio Fanti*

Department of Industrial Engineering, University of Padua, via Venezia 1, 35131 Padua, Italy

On 1-11-1950 Pius XII proclaims the Dogma of the Virgin Mary before, during and after the birth of Jesus Christ (CCC n.510).

“A Dogma is a Truth of Faith that demands full assent and complete obedience.”

The light-energy of the HS with the **transparency of the matter** seems to scientifically **confirm the Dogma**.



1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **Conclusion**

DATING

- **C14/1988**
- **Mechanical**
- **Chemical FT-IR & Raman**
- **Numismatic**
- **De Caro x-ray**
- **Neutron effects - N in blood**
- **Blood selectively radioactive Beta and fluorescent**
- **C14/1988 proof of the Resurrection (?)**

BODY IMAGE

- **Not explainable, double superficiality**
- **Holy Fire and Maillard**
- **Unique wrapping**

BLOOD

- **News at microscopic level**
- **3 different types, creatinine, fibrin**
- **Hematohidrosis of Gethsemane**
- **On the nape – myrrh and Scourge marks 440+40**

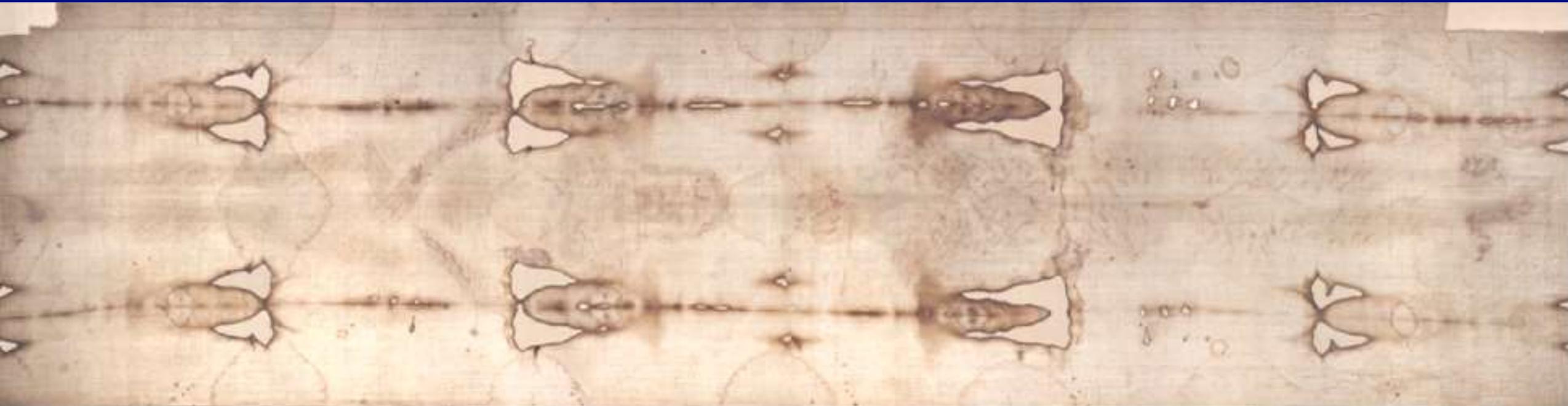
MEDICAL CONDITIONS

- **Flagellation of the kidneys,**
- **urea, microcytes,**
- **respiratory problems**
- **Heartbreak, hemopericardium**

DEPOSITION IN THE SEPULCHER

- **No smearing, stiffness, fluid blood, how did it come out?**
- **Transparency of matter (energy-light)**
- **Dogma of the Virginity.**

1 - Novelties about the Holy Shroud of Jesus Christ in Turin (HS): **THE END**



THANK YOU FOR THE ATTENTION

Be seeing you to the second presentation:

“Holy Shroud:

Unique wrapping condition of the body image”

