



A NEWSLETTER ABOUT RESEARCH ON THE HOLY SHROUD OF TURIN
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edited by REX MORGAN, Author of several books on the Shroud

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AT THE RECENT SHROUD CONFERENCE IN RICHMOND, VIRGINIA,
USA, ARTIST ROGER BASSETT DEMONSTRATES SOME OF HIS
ARRESTING PAINTINGS BASED ON THE IMAGE OF THE MAN IN
THE SHROUD. THIS ISSUE DEVOTED TO A REPORT OF THE
CONFERENCE AND NOTES ON SPEAKERS

EDITORIAL

I'm sorry this issue of *Shroud News* is late but the pressure of agenda upon me has been very great this year and, indeed, you will note that I have dated it for September rather than August. I shall produce the next one for December which means there will have been only five issues in 1999 (But I think it was in 1996 I gave you seven!). At the turn of the century into 2000 I shall have to assess whether I can keep up the usual number per year or not. I am not one for admitting defeat but the production of six issues a year, virtually single-handed, is becoming more and more difficult.

But, as Christopher Morgan would say, one must be positive and focussed on the job in hand so I am glad to see that so much material relating to the Shroud continues to pour into my mailbox. Dates for the Exposition of the Shroud itself in 2000, Jubilee Year, are 26 August 2000 until 22 October 2000. When the Turin authorities announced, to everyone's surprise, that they would not hold an international conference in 2000, but a local one, Emanuela Marinelli promptly organised an international one to be held from 27 to 29 August 2000 in Orvieto, Italy. Emanuela gave a spirited description of her work at the Richmond conference and took the opportunity to disclose opposition from some quarters to her conference.

For some years now, Shroud friends overseas have been pressing me to organise a Shroud Conference in beautiful Australia. Accordingly I announced in Richmond that this would occur in 2001. It will be held in Bathurst, the oldest city in New South Wales at the magnificent Charles Sturt University campus from 16 to 21 September 2001. Would overseas readers please note the dates carefully as they differ from the tentative ones I announced in June. Even on this slender information there has been quite a lot of interest, especially from America.

Isabel Piczek, who has a direct ear to the Vatican, advises that Cardinal Saldarini of Turin will retire early on account of his health. He will be succeeded by Archbishop Severino Poletto, Bishop of Asti, the birthplace of Secondo Pia. Poletto is regarded as a great believer in the Shroud and is expected to be an excellent successor to Saldarini.

I have concentrated on the Richmond Conference in this issue. There were many well-known Shroudies there as well as names from the past such as Schumacher, the inventor of the VP8 image analyzer, and David Rolfe the maker of *The Silent Witness*, still, after all these years of work since 1978, one of the best movies about the Shroud ever made.

REX MORGAN

THE RICHMOND CONFERENCE JUNE 1999

Report by REX MORGAN

As mentioned in the last issue a Shroud conference was held in Richmond, Virginia, USA from 18 to 20 June 1999. This conference was organised by a group of which one had hardly heard before, The Richmond Shroud of Turin Center whose headquarters are at the Mother Mary of the Church Abbey. This abbey is a remarkable centre in a very beautiful part of Richmond. It is a country setting where most houses have about five acres surrounding them and there are millions of trees and numerous gardens in the area.

The Abbey is run by the Order of St Benedict and the church acts as the parish church for the district. It houses many facilities for the work of that church including conference centre and dining rooms as well as lecture halls, exhibition spaces and a splendid bookshop.

The organisers were Diana Fulbright and Bryan Walsh, the Founder of the Center.

The conference was the initiative of a very religious and committed group but on the other hand the thrust of its content allowed for full demonstration of scientific and "non-religious" presentations in a very well balanced programme drawing on the expertise of researchers from every discipline. Indeed the title of the Conference was "Multidisciplinary Investigation of an Enigma".

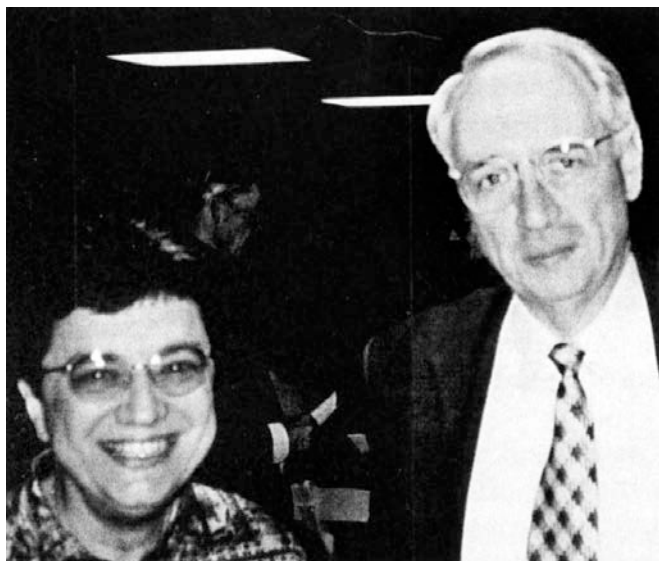
ARRIVAL

Accommodation was conveniently arranged at a pleasant motel in town where most of the delegates were able to catch up with latest exchanges of information and where new members of the Shroud Crowd could meet old ones. The attendance was mainly American but there was a significant number of delegates from several other countries.

For me one of the most amazing coincidences was that I met the only Italian delegate Professor Emanuela Marinelli in New York airport where my flight to Richmond had been cancelled (a frequent occurrence in the USA I have found) and I ended up on the same flight as Emanuela, who had come direct from Rome and I from Bangkok with a good deal of lead time to catch up on the latest information exchanges.

All delegates were met by a group of generous volunteers from the parish who spent the three days ferrying visitors to and from the conference venue.

THE RICHMOND CONFERENCE (cont'd)



Clockwise from top left:
Emanuela Marinelli, Gil Lavoie; Mark
Guscini demonstrating the Oviedo cloth on model
Barrie Schwartz; Ian Wilson; John Jackson;
Fr Aram Berard, John Iannone, Fred Zugibe



THE RICHMOND CONFERENCE (cont'd)

PRELIMINARIES

As always one spent the first hours catching up with old friends and amongst the first I ran into were Dr Alan Alder; recently widowed Connie Apple; Ian and Judith Wilson who now live in Queensland; Paul and Lois Maloney; Barrie Schwartz; Tom D'Muhala and family; film maker David Rolfe from England (who made the original movie *The Silent Witness*); Isabel Piczek; Marc Guscini from Oviedo, Spain; Joe Marino (now plain Mister); Dr Alan and Mary Whanger; Frank Tribbe; Richard Orareo; Kevin Moran; Dr Joe Wesley Dickerson; Fr Aram Berard; Gilbert Lavoie; Mark Borkan; Gus Accetta; Pete Schumacher; Dan Scavone; John and Rebecca Jackson; Keith Propp; Remi van Haelst from Belgium; Fred Zugibe; and many others.

ALLIED EVENTS

Throughout the conference delegates were able to attend the Abbey Mass daily and the special Holy Shroud Mass on Sunday. An excellent exhibition was mounted by Richard Orareo "The Boston Collection". Richard owns one of the world's largest collections of Shroud books, materials and memorabilia and can often be found in Europe ferreting out rare manuscripts and items much in the manner of the late King Umberto who spent his life building up the Savoy family collection. The Boston Collection provided an insight into the many aspects of genuine early Shroud memorabilia which can be found away from the trash produced by the spivs at every European Shroud event.

COMMEMORATIVE MEDALLION

Notwithstanding that remark the organisers subsequently sent to speakers from the conference a beautiful sterling silver commemorative medallion which takes a valued place in this collector's quite large accumulation of Shroudiana.

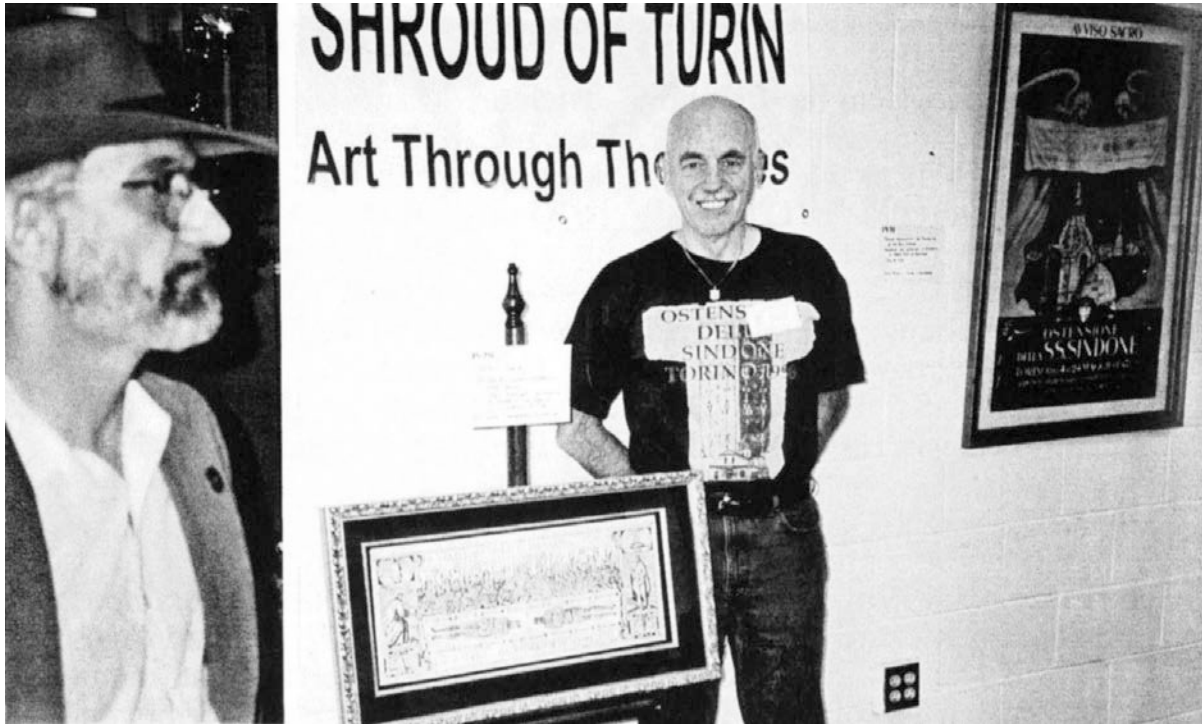
DINNER

On the penultimate evening, as is the tradition, a very good conference dinner was held at the prestigious Richmond Country Club. Here amid the manicured lawns with Richmond's upper crust celebrating weddings in nearby chambers, a good quality meal was served to a happy gathering of Shroudies. The dinner was, expectedly, informal and no more than a friendly gathering of people of like mindset. There were no formalities.

FOLLOW UP

Availability of sound and video tapes of the whole conference is planned for distribution in due course as well as a printed book of proceedings.

THE RICHMOND CONFERENCE (cont'd)



Clockwise from top left:
 Barrie Schwartz; Richard Orareo at his exhibition; Mark
 Guscini; Frank Tribbe, Marc Borkan, Dan Scavone



THE RICHMOND CONFERENCE (cont'd)

HIGHLIGHTS

Here are some of the highlights followed by biographical resumes of some speakers as printed in the programme which formed a most important part of the organisation. So many conferences these days hardly even list the correct names of the speakers, let alone any information about them. The Richmond conference was generally agreed to be one of the best in recent years.

DR ALAN ADLER

Adler's paper, *The Nature of the Body Images on the Shroud of Turin* was, as always with Al, an off the cuff presentation enlivened with his ready wit and disarming frankness as he described the process of image formation through dehydration of the cellulose in the cloth. He also, as always, became involved in many other papers throughout the conference by way of comment, discussion and challenge.

Revd ALBERT DREISBACH

Kim Dreisbach doesn't often give a paper but this time he spoke on the very interesting topic *The Shroud and Healing*. Whilst this has never been a major plank in the pro-Shroud platform for obvious reasons, accounts have been noted since the time of Abgar of apparent healing properties or events coincident with the Shroud's presence.

THE JACKSONS

The Jackson Trio consisting of Dr John Jackson, the Shroud scientific leader of the 20th century together with Rebecca Jackson and Keith Propp formed their familiar trio together with the work of David Fornof to present a varied programme of their research results on historical aspects and dating methods

THE MEDICOS

Dr Gil Lavoie gave a comprehensive account of his theories leading from the positioning of the bloodmarks on the Shroud and his thesis that the man was upright when they occurred. His recent book *Unlocking the Secrets of the Shroud*, refers in great detail to this work.

Dr Fred Zugibe, on the other hand, argued for his theory that Barbet was wrong in his assumptions that the nails passed through the Space of Destot and that the median nerve was not affected. Some of his slides of cadavers brought gasps from the lay members of the public in the audience.

One of the most memorable papers was given by Dr Gus Accetta who described how he had injected himself with a radioactive substance and had then produced photographs of his body emitting gamma radiation which caused images

THE RICHMOND CONFERENCE (cont'd)



Clockwise from top left:
Tom D'Muhala, Isabel Piczek;
Lois and Paul Maloney; Kevin Moran;
Keith Propp; Alan Adler;
David Rolfe, Rex Morgan



THE RICHMOND CONFERENCE (cont'd)

THE VP8 IMAGE ANALYSER

The inventor of the VP8 Image Analyser, Dr Peter Schumacher, gave an extraordinary resume of his work on the Turin Shroud photographs which had many years ago produced a three dimensional image which no other image so processed produces and for which there has not yet been a satisfactory explanation.

THE WEBSITES

Russell Breault gave an impressive description of his new website intended to be used for educational purposes, Barrie Schwartz also described his very popular Shroud.com website which has led the way in this study.

TECHNICAL PAPERS

Other technical matters were dealt with by Kevin Moran who spoke of his work on the Frei tape samples as did Paul Maloney and Italian Emanuela Marinelli brought us the work of her colleagues on anthropomorphic measurement of the images which confirmed the Jewish physical characteristics of the man in the Shroud.

DEMONSTRATION

Alan and Mary Whanger gave a practical demonstration of their image overlay technique to enthral the audience, especially those who had not experienced this before. Whanger was able, with the efficient assistance of Mary, to ensure a trouble free, well enunciated presentation on their extraordinary work. It is interesting to see how many experts who used to rubbish the Whangers, now hang on their words. They attracted a long line of questioners after their paper.

HISTORIANS

Mark Guscini gave an exceptional paper on the Oviedo cloth and its historical relationship with the Shroud; Jack Markwardt presented a most interesting case for the Shroud's having been in Antioch in the early centuries; Dan Scavone talked of new research on Orthodox Church practices and the similarities of the cloths to the herringbone weave of the Shroud. After I had given a new update on our work on the Orpheus Cubiculum portrait, Isabel Piczek followed up with a confirmation of our First Century dating for the painting as well as her usual rapid fire presentation of 70 slides which corroborated the work we had done together in the Orpheus Cubiculum during our last expedition there. "The person on the portrait," she said, "was not created merely out of the artists' imagination, but is the faithful depiction of someone who truly existed."

THE RICHMOND CONFERENCE (cont'd)



Clockwise from top left:
 Alan Whanger is mobbed by
 questioners, Dr Joe Wesley
 Dickerson at right; Jim Fanning and
 Joe Marino; Organisers Bryan
 Walsh and Diana Fulbright; Pete
 Schumacher



THE RICHMOND CONFERENCE (cont'd)

WILSON TO URFA

Speaking with far more confidence than he did in Turin last year Ian Wilson gave an enthusiastic paper about returning to Urfa in Turkey to undertake archaeological work. His paper's abstract said this:

"If the Shroud genuinely dates to the 1st century AD, only one hypothesis viably accounts for its historical whereabouts prior to the 1350s. That hypothesis is the cloth's identification with the so-called Image of Edessa lost from Constantinople in 1204. Yet if this identification is valid it means that the Shroud spent nearly half its history [sic] in Urfa (the former Edessa) in Eastern Turkey, a town that despite once bristling with ancient Christian churches, today has not one of these left standing. To make matters worse, many Christians haven't even heard of Urfa, and despite its having been continuously inhabited back to remotest antiquity (it may well have been the true 'Ur' of Abraham) it has never been properly archaeologically surveyed, let alone excavated. This paper urges the need for such an archaeological survey, particularly in the light of the Turkish local authorities continuing disregard for ancient remains uncovered on construction sites. It also outlines a plan for implementing this, beginning with a preliminary expedition hopefully during the spring or autumn of 2001."

This is especially interesting as archaeologist Christopher Morgan of Bathurst, Australia has been nominated by Wilson as a key member of the proposed team following his work on the Orpheus Cubiculum

There were other papers of interest at this conference and we look forward to the availability of the proceedings in all forms.



Panel discussion: Alan Adler; Diana Fulbright; Paul Maloney; Isabel Piczek; Ian Wilson; Dan Scavone

THE RICHMOND CONFERENCE (cont'd)

"Multidisciplinary Investigation of an Enigma"

SCHEDULE

FRIDAY, JUNE 18

7:30 a.m., Abbey Mass

8:55 a.m. (8 - 8:45 a.m.: Registration):

BENEDICTION -- RT. REV. BENEDICT R. McDERMOTT, O.S.B., Abbot, Mary Mother of the Church Abbey.

DIANA FULBRIGHT, Conference Coordinator -- Opening remarks.

Rev. JACK KENNINGTON, C.Ss.R. — Update on the work of the Holy Shroud Guild.

C. RICHARD ORAREO, — "The Boston Collection" of Shroud art and memorabilia -- on special exhibit during the entire Conference.

Prof. PAUL C. MALONEY — "History of Botanical Research on the Shroud of Turin" — illustrated with color slides.

BREAK

REX MORGAN — "The Greatest Secret of the Catacombs? The Search Continues," an update on the painting of Christ in the Orpheus cubiculum illustrated with color slides.

ISABEL PICZEK — "From the Catacombs to the Present, the Arts Testify," placing the Orpheus cubiculum painting of Christ into the context of history color slide presentation.

LUNCH BREAK

THE RICHMOND CONFERENCE (cont'd)

KEVIN E. MORAN — *"Optically Terminated Image Pixels Observed on Frei 1978 Samples," with computer projector illustration.*

RUSSELL A. BREAUULT will project on screen his award-winning website on the Shroud of Turin Education Project.

JACK MARKWARDT, -- *"Antioch and the Shroud," a new theory of the cloth's history prior to the 6th century, illustrated with color transparencies.*

DANIEL C. SCAVONE — *"Evidence for the Shroud in Constantinople prior to 1204"—color slides illustration.*

BREAK

MARCEL ALONSO — *"Validity of the 1988 Radiocarbon Dating of the Turin Shroud."*

PETER M. SCHUMACHER — *"Photometric Responses from the Shroud," with computer projector illustration.*

ALAN D. ADLER — *"The Nature of the Body Images on the Shroud of Turin," with color slide illustrations.*

DINNER BREAK

FRIDAY EVENING, 7:25 p.m.:

Dr. JOHN P. JACKSON, REBECCA S. JACKSON, Dr. KEITH E. PROPP and DAVID R. FORNOF, all of the Turin Shroud Center of Colorado Springs, will jointly present:

- (1) *"New evidence that conclusively identifies the Shroud of Turin with the Byzantine Shroud of Constantinople in the first millennium."*
- (2) *"A scientific evaluation of the Shroud's radiocarbon date."*
- (3) *"The Shroud of Turin and the Jewish First Century."*
- (4) *"Color and intensity analyses for the Shroud of Turin."*

THE RICHMOND CONFERENCE (cont'd)

SATURDAY, JUNE 19

7:30 a.m., Abbey Mass.

8:55 a.m. (Registration 8 - 8:45 a.m.):

BENEDICTION -- REV. WALTER M. ABBOTT, S. J.

GILBERT LAVOIE, M.D. — "*Blood on the Face,*" analysis of blood flow and blood marks and their implications. Illustrated with slides.

FREDERICK T. ZUGIBE, M.D., Ph.D. — "*The Hand Wound Controversy,*" overturning Barbet's hypothesis. Illustrated with slides.

BREAK

MARK GUSCIN — "*Recent Historical Investigations on the Sudarium of Oviedo.*"

AUGUST D. ACCETTA, M.D. — "*Experiments with Radiation as an Image Formation Mechanism,*" with computer projection illustration.

IAN WILSON — "*Urfa, Turkey: the urgent need for an archaeological survey of the town that (arguably) was the Shroud's home for nearly a thousand years.*"

LUNCH

SATURDAY AFTERNOON, JUNE 19th, 1:25 p.m.:

BARRIE M. SCHWORTZ will show new developments on his fascinating, invaluable and award-winning website on the Shroud of Turin.

PANEL DISCUSSION -- ALAN D. ADLER,, DIANA FULBRIGHT, PAUL C. MALONEY, ISABEL PICZEK, DANIEL C. SCAVONE, IAN WILSON -- "Could the image on the Shroud of Turin have been created as a work of art?"

BREAK

Profissa EMANUELA MARINELLI — "*Computerized anthropometric analysis of the Man of the Turin Shroud.*" (Co-authored with **ALESSANDRO CAGNAZZO** and **PROF. GIULIO FANTI.**)

ALAN D. WHANGER, M.D. and MARY W. WHANGER — "*The Real Date of the Shroud: the Visual Evidence,*" with polarized image overlay illustration.

THE RICHMOND CONFERENCE (cont'd)

SUNDAY, JUNE 20

7:15 a.m., *Holy Shroud Mass*

10:15 a.m. (Registration, 9:45 – 10 a.m.):

BENEDICTION -- REV. JACK KENNINGTON, C.Ss.R.

GARY HABERMAS — *"Historical Epistemology, Jesus's Resurrection, and the Shroud of Turin."*

WARREN S. GRUNDFEST, M.D. — *"Imaging Spectroscopy for the non-Destructive Evaluation of Items of Historical Interest: Applications to the Shroud of Turin."*

BRYAN J. WALSH — *"The 1988 Radiocarbon Dating Reconsidered."*

The Rev. ALBERT R. DREISBACH — *"The Shroud and Healing," tracing this connection through the cloth's history.*

LUNCH BREAK

1:25 p.m.:

PANEL DISCUSSION -- WARREN S. GRUNDFEST, KEITH E. PROPP, PETER M. SCHUMACHER, BRYAN J. WALSH and ALAN D. WHANGER, -- "Imaging Techniques: their Strengths and Weaknesses"

BREAK

2:55 p.m.:

REMI VAN HAELST — *"Statistical Confidence in the Shroud's Radiocarbon Age"*

MARIO MORONI — *"Possible Rejuvenation Modalities of the Radiocarbon Age of the Shroud of Turin," co-authored with FRANCESCO BARBESINO and MAURIZIO BETTINELLI.*

BRYAN J. WALSH, Executive Director, Shroud of Turin Center -- *Closing Remarks.*

4:25 p.m.: CLOSING BENEDICTION

THE RICHMOND CONFERENCE (cont'd)

*AUGUST D. ACCETTA, M.D.,
 Founder and Director of the Shroud
 Center of Southern California in Huntington
 Beach, has had a life-long involvement with the
 Shroud of Turin. Dr. Accetta researches emitted
 radiation as an image formation mechanism.*



*ALAN D. ADLER,
 Emeritus Professor of Chemistry at Western
 Connecticut State University, has been involved in
 Shroud research since 1979 when he began
 working with the STURP team. Dr. Adler is
 presently on Cardinal Giovanni Saldarini's
 Conservation Commission.*

*MARCEL ALONSO,
 Secretary of the Scientific Committee of Centre
 International d'Etudes sur le Linceul de Turin,
 headquartered in Paris, is a consultant in
 geosciences, and internationally known for his
 valuable contributions to Shroud research.*



*MARK BORKAN,
 multimedia producer and freelance writer,
 has written a number of articles about the
 Shroud of Turin, notably a comprehensive
 review of the subject for the Duke University
 Journal of Science, Technology and
 Medicine. Mr. Borkan is supervising digital
 audio taping of this Conference.*

THE RICHMOND CONFERENCE (cont'd)

*RUSSELL A. BREAUULT,
television executive and founder of the Shroud of
Turin Education Center in Peachtree City, GA,
whose primary purpose is to introduce young,
potential researchers to the Shroud.
Visit his award-winning website at
www.shroud2000.com*



*ALBERT R. 'KIM' DREISBACH, Jr.,
an Episcopal priest and founder and Executive
Director of the Atlanta International Center for the
Continuing Study of the Shroud of Turin (AICCSST).
He has been commentator and technical advisor to
CBS, NBC, CBN and TLC for programs about the
Shroud.*



*DAVID R. FORNOF,
Physicist and Associate of the Turin Shroud
Center, Colorado Springs, presently conducts
research focussing on the aging of cellulose
under heated conditions.*



*DIANA FULBRIGHT,
Director of Research at the Richmond
Shroud of Turin Center,
formerly taught Coptic and Religious Studies
at the University of Iowa..*

THE RICHMOND CONFERENCE (cont'd)

*WARREN S. GRUNDFEST, M.D.,
Director of the Laser Research and Technology
Development Laboratory of
Cedars-Sinai Medical Center, Los Angeles,
and is Clinical Professor of Surgery at UCLA,
where he holds the Dorothy and E. Phillip Lyon
Chair in Laser Research.*



*MARK GUSCINI,
member of the Investigation Team of the Centro
Espanol de Sindonologia
and the British Society for the Turin Shroud.
Mr. Guscini's book on the Sudarium of Oviedo,
The Oviedo Cloth, was published last year
by the Lutterworth Press.*

*GARY HABERMAS,
Distinguished Professor of Philosophy at Liberty
University and co-author of Verdict on the
Shroud and The Shroud and the Controversy, and
numerous other books, specializes in the
interaction between philosophy of history and religion.*



*JOHN P. JACKSON,
founder and Director of the Turin Shroud Center
and leader of the 1978 scientific team that
traveled to Turin to examine the Shroud first-hand.
An internationally known researcher, Dr. Jackson
was formerly on the faculties of the Air Force
Academy and the University of Colorado.*

REBECCA S. JACKSON,

Associate Director of the Turin Shroud Center and long-time researcher on the Shroud of Turin, specializing in relating the Shroud to various aspects of ancient Jewish life and customs. Mrs. Jackson lectures around the world on this subject.



GILBERT R. LAVOIE, M.D.

For the last twenty years, Dr. Lavoie, a specialist in internal and occupational medicine, has pursued a medical and scriptural study of the Shroud of Turin.. His research findings were published last year in Unlocking the Secrets of the Shroud.



PAUL C. MALONEY,

formerly Professor of Archaeology, Greek and Old Testament at Vennard College and United Wesleyan College, now Director of Ancient Near Eastern Researches and General Projects Director of the Association of Scientists and Scholars International for the Shroud of Turin.

EMANUELA MARINELLI

is Professor of iconography, iconology and Christian symbolism at LUMSA University in Orvieto, Italy, co-founder of the Collegamento pro Sindone and editor of its bimonthly magazine. Her numerous books on the Shroud have been translated into many languages.



THE RICHMOND CONFERENCE (cont'd)



JACK MARKWARDT, managing partner of a general practice law firm, has researched, written and lectured on the Shroud of Turin for the past thirteen years. His work has been presented at symposiums throughout the world and published in Great Britain.

KEVIN E. MORAN, technology specialist and president of Cambiano Engineering Company. Mr. Moran has been involved in research on the Shroud of Turin and related optical Technology for many years.



REX MORGAN, author of The Holy Shroud and the Earliest Paintings of Christ and series editor of Catacombs, Christ's Portrait and the Shroud (four volumes) has introduced the Brooks Institute Photographic Exposition to more than 600,000 people in Australia, New Zealand, Macau, Hong Kong and Canada.



C. RICHARD ORAREO, longtime developer and curator of "The Boston Collection," has amassed one of the world's largest collections of books, periodicals and artistic renderings of the Shroud. The Getty Museum and Notre Dame University have both expressed interest in housing this collection.

THE RICHMOND CONFERENCE (cont'd)

ISABEL PICZEK

Known and honored internationally as an artist who creates monumental stained glass windows and painted, mosaic and ceramic murals, Mme. Piczek is also a published author of major works in physics and theology, and has made invaluable contributions to research and education on the Shroud of Turin.



KEITH E. PROPP,
computational and nuclear physicist and associate of the Turin Shroud Center in Colorado Springs. Dr. Prom has worked on research related to the Shroud of Turin for more than 12 years.

DANIEL C. SCAVONE,
Emeritus Professor of History at the University of Southern Indiana, has been interested in the Shroud of Turin since childhood. He has written numerous articles on the subject and has lectured extensively throughout the United States and Europe.



PETER M. SCHUMACHER,
electronics engineer, entrepreneur, inventor and developer of the VP-8 Image Analyzer, for which he was issued three patents. His work covers a broad range of applications, from multi-spectral aerial video imaging to medical image cross-modality studies.

THE RICHMOND CONFERENCE (cont'd)

*BARRIE M. SCHWORTZ,
official documenting photographer for the
scientific team that examined the Shroud in 1978,
and editor and publisher of the largest and most
extensive shroud research resource on the
internet — www.shroud.com. Mr. Schwartz also
conducts research on the Shroud
in imaging spectroscopy.*



*REMI VAN HAELST,
industrial chemist and production supervisor at
Petrochim Antwerpen in Belgium. Mr. Van Haelst
has lectured throughout Europe on the Shroud of
Turin, and is the author of over 100 scientific and
technical studies on the Shroud of Turin.*

*BRYAN J. WALSH,
Executive Director and founder of the Richmond
Shroud of Turin Center. Mr. Walsh worked four
years in statistical quality control, four years in
atmospheric physics with the U.S.A.F.,
and has published research
on atmospheric physics and geophysics.*



*MARY WHANGER,
Founding member of the Council for the Study of
the Shroud of Turin (CSST) and co-author, with
her husband, of The Shroud of Turin: An
Adventure in Discovery and a multitude of
scientific research articles
on the Shroud.*

THE RICHMOND CONFERENCE (cont'd)

*ALAN D. WHANGER, M.D.,
Professor Emeritus, Duke University Medical
Center, founding member of the Council for the
Study of the Shroud of Turin (CSST), member of
Centro Espanol de Sindonologia and developer of
the polarized image overlay technique
for image comparison.*



*IAN WILSON,
author of The Shroud of Turin, The Mysterious
Shroud, Holy Faces, Secret Places and most
recently, The Blood and the Shroud. Mr. Wilson
edits the Newsletter of the British Society for the
Turin Shroud and has been researching
the Shroud for more than twenty years.*

*FREDERICK T. ZUGIBE, M.D.,
Chief Medical Examiner of Rockland County,
N.Y., has published prolifically in the fields of
forensic and general pathology and has performed
over 12,000 autopsies. A new edition of his book,
The Cross and the Shroud,
will be published later this year.*



*Rev. JOHN KENNINGTON, C.Ss.R.,
of the Holy Shroud Guild, Esopus, N.Y.,
maintains the Wuenschel Collection and
is archiving the correspondence and libraries
of the late Fr. Peter M. Rinaldi, S.D.B.
and of the late Fr. Adam Otterbein, C.Ss.R.*

Shroud News began in 1980 when Rex Morgan, author of three books on the subject of the Holy Shroud (*Perpetual Miracle*, *Shroud Guide* and *The Holy Shroud and the Earliest Paintings of Christ*) and editor of several others, began sending a few notes about current developments in the study of the Shroud of Turin (Sindonology) for a small circle of interested people in his home country of Australia. He didn't expect it to go beyond a few issues.

Today, the bulletin, now highly acclaimed, reaches subscribers all over the world and is written, produced and disseminated more quickly than any other Shroud publication in the English language. It contains information, news, articles and illustrations gathered from sources of Shroud study worldwide through Rex Morgan's extensive network of personal connections with what has been described as the "Shroud Crowd".

Rex Morgan is a frequent traveller overseas which gives him the opportunity to keep abreast of latest developments in Shroud study and research at first hand. He was present at the world media preview of the Shroud itself in August 1978 in Turin, Italy and has met and knows numerous Shroud researchers in many countries. His quest for Shroud information became, as he described it, "a passionate hobby". He took the world famous Photographic Exhibition created by Brooks Institute, California, to Australia, New Zealand, Hong Kong, Macau, and Canada and during those tours it attracted more than 700,000 visitors. The exhibition was subsequently donated by Brooks to the non-profit making organisation, The South East Asia Research Centre for the Holy Shroud (SEARCH) of which Morgan is President. He is also a Board member of the US based Association of Scientists and Scholars International for the Shroud of Turin (ASSIST) and was a member of the scientific team which conducted environmental experiments in a Jerusalem tomb in 1986 (ESSJ). He has made a number of original contributions to Shroud research has presented major papers at international Shroud conferences has written numerous articles and has given hundreds of broadcasts and telecasts on the subject in many countries.

The list of *Shroud News* subscribers continues to increase internationally and it has been described many times as one of the best available. *Shroud News* comes out six times a year. Its production is obviously privately subsidised as we request a subscription in Australia of only \$6 for six issues posted. The USA subscription is \$12 (posted airmail - there is no longer any surface mail from Australia). Postage to other countries varies. ALL back issues are available for \$1 (US or Aust) each plus postage. The famous 50th issue is \$3 plus post and the 100th is \$5 plus post. Customers should note that as it costs us \$8 to negotiate each foreign cheque we request all payments be made in currency banknotes of your country or charge to Visa, Master or Amex cards.

All information and opinion in this private newsletter is published in good faith. It is edited by Rex Morgan and published by

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