

Bibliography of Major Sources Pertaining to the Events of the 1988 C-14 Dating of the Shroud of Turin

Joseph G. Marino

Introduction

In 1978, the Shroud of Turin, the reputed burial cloth of Jesus of Nazareth, was studied for 5 days around the clock by a mostly American team known as the “Shroud of Turin Research Project” (STURP). The team’s main task was to solve the question of how the image got on the cloth. They were unable to do so. However, all of the data they amassed and analyzed strongly suggested that the Shroud was an authentic ancient burial cloth, which corresponds closely to the treatment the New Testament says happened to Jesus. Most people are aware of the fact that the linen underwent a radiocarbon (C-14) dating in 1988. Most people also know that the 3 labs involved, Oxford, Zurich and Arizona, announced that the results of the testing indicated that the cloth dated to AD 1260-1390, more than 1,200 years after Jesus’ time. Although STURP had the most experience with the Shroud and had submitted a proposal for the C-14 test, various political maneuvers were successful in getting them eliminated from the testing. What many people do not know is that even from the period that preceded the actual test, there were significant concerns about the protocol, the original one having been discarded. After the testing, researchers were startled to find out facts such as:

- *Although all of the proceedings were to have been videotaped, the actual depositing of the samples into the containers was not.
- *Although the 3 labs had agreed to not let any outsiders view the testing, an author, who was allowed inside one of the labs during their testing, had his book, The Shroud Unmasked, printed 2 weeks before the official announcement of the dating results.
- *There were at least 3 different versions of the sizes and weights of the samples given by those directly involved in the cutting of the sample.
- *After the dating, Oxford, one of the 3 labs involved in the testing, was given an anonymous 1 million £ donation for ostensibly having proven the Shroud was a fake. Shortly thereafter, the head of the lab, Prof. E.T. Hall resigned, and the person who replaced him was Dr. Michael Tite of the British Museum, who had been the overseer of the Shroud C-14 dating project.

There have been many books and articles written about the events surrounding the dating. Some of the entries listed here are for material that has been written by those who interviewed the participants and/or have done significant research into the various facts. Some of the entries are for material authored by the testing participants. Those who were directly involved are highlighted in the entries; they are either the author themselves (2 asterisks next to their names) or were interviewees (1 asterisk next to names of interviewers). I have included at the end a brief biographical description for those who were directly involved in the testing. I have only included material that pertains to the methodology of the preparation, the actual operation, or the aftermath of the project and

concomitant questionable data resulting from this methodology. I have not included any entries for materials pertaining to various hypotheses that have been put forth to explain why the dating was not first century, e.g., being skewed due to radiation from the Resurrection, contaminations, or repairs. (Of course, these hypotheses may be peripherally mentioned in some of the sources.)

I have divided the sources into 2 main sections, one containing books, Shroud conference presentations, journal articles, internet articles, newspaper articles and releases from various groups; the other contains letters-to-the-editor. Although by their very nature, there is not a significant amount of material in the letters, they are important due to the fact that many of them were written by those directly involved in the testing, and thus they contain important information. For the Italian and French sources cited, I have relied heavily on Emanuela Marinelli's paper "The setting for the radiocarbon dating of the Shroud," presented at a Shroud conference in Valencia, Spain in April 2012. (See <http://tinyurl.com/cammkgx>.)

One last note regarding a non-literary source: an Italian documentary called "The Night of the Shroud," whose subject is the background and politics of the 1988 C-14 dating, was shown on Italian TV in 2011 and premiered in the United States in 2012. It actually won several honors at the Los Angeles film awards. It is expected to be available in DVD format in the fall of 2012.

SECTION I – BOOKS/CONFERENCE PAPERS/ARTICLES

ALLEGRI, R. Abbasso la scienza, la Sindone è sacra, in *Gente* 46, 1988, pp. 15-17.

ANDERSON, Ian. Vatican Undermines Tests on Turin Shroud, in *New Scientist*, January 21, 1988, pg. 21.

ANGELICO, B. Sindone, il sudario strappato, in *Epoca* 1981 (1988), pp. 147-154.

**[ARCHDIOCESE OF TURIN]. Turin Workshop on Radiocarbon Dating of the Turin Shroud—29 September through 1 October 1986. Reproduced in Appendix "D" in Wrapped Up in the Shroud: Chronicle of a Passion by Joseph G. Marino (St. Louis: Cradle Press), 2011, pp. 243-249.

BERCHI, M. (Un) test molto indiscreto, in *Il Sabato*, November 19-25, 1989, pp. 29-30.

BERRY, A. Turin Shroud professor raises £1m for Oxford post, in *The Daily Telegraph*, March 25, 1988, pg. 7.

Bollettino della Sala Stampa della Santa Sede, 310, August 18, 1990, in *Sindon - Nuova Serie* 2, 1990, pp. 17-18. [Author is anonymous.]

*BONNET-EYMARD, Bruno. (The) Crime Committed Against the Holy Shroud. *The Catholic Counter-Reformation in the XXth Century*, February-March, 1996, No. 283, pp. 5-10. (This includes quotations of some of the principal individuals involved in the 1988 dating.)

*BONNET-EYMARD, Bruno. One Year After the Verdict of the 13 October 1988—The Victory of the Holy Shroud Won By Science, *The Catholic Counter-Reformation in the XXth Century*, September-October, 1989, No. 223, pp. 1-13, 16-45. (This includes quotations of some of the principal individuals involved in the 1988 dating.)

*BONNET-EYMARD, Bruno. (The) Shroud Daters, *The Catholic Counter-Reformation in the XXth Century*, June, 1989, No. 220, pp. 25-34. (This includes quotations of some of the principal individuals involved in the 1988 dating.)

*BONNET-EYMARD, Bruno. (The) Holy Shroud is as Old as the Risen Christ, in *The Catholic Counter-Reformation in the XXth Century*, May, 2000, No. 330, pp.29-42. (This includes interviews with representatives of the 3 laboratories that dated the Shroud.)

*BONNET-EYMARD, Bruno. Holy Shroud: Why Shilly Shally, My Lord? *The Catholic Counter-Reformation in the XXth Century*, December, 1995, No. 281, pp.19-20. (This is text of an interview in *Avvenire* of October 7, 1995 by Alberto Sormani of the late Turin Cardinal Giovanni Saldarini, along with comments by Bonnet-Eymard.)

BOYCE, David. Dr. Tite in Surrey, *The Catholic Counter-Reformation in the XXth Century*, March, 1990, No. 227, pp. 23-24.

BRUNATI, Altro che rammendi! La datazione della Sindone è tutta un falso, in *Collegamento pro Sindone Internet*, May, 2005
<http://www.sindone.info/BRUNATI1.PDF>.

BRUNATI, Ernesto. *Considerazioni sui vari rapporti pubblicati in merito alle operazioni di datazione della Sindone*, in *La datazione della Sindone*, Atti del V Congresso Nazionale di Sindonologia, Cagliari, April 29-30, 1990, Edicar, Cagliari, 1990 pp. 112-120.

BRUNATI, Ernesto. (La) corrispondenza con “Radiocarbon” sulla datazione della Sindone, in *Collegamento pro Sindone Internet*, February, 2006,
<http://www.sindone.info/BRUNATI2.PDF>.

BRUNATI, Ernesto. Dobbiamo convincerci che il risultato del passaggio conclusivo del rapporto su "Nature" è stato falsificato, in *Collegamento pro Sindone*, May-June, 1993, p. 50-56.

BRUNATI, Ernesto. I conti non tornano!, in *Il Telo* 3, 1997, pp. 14-16.

BRUNATI, Ernesto. Incongruenze nei rapporti illustranti la datazione della Sindone, in L'identification scientifique de l'Homme du Linceul: Jésus de Nazareth, Actes du Symposium Scientifique International, Rome, June 10-12, 1993, OEIL-F.-X. de Guibert, Paris, 1995, pp. 349-357.

*BRUNATI, Ernesto. Lettera aperta al Prof. Franco Testore, in *Collegamento pro Sindone*, November-December, 1989, pp. 41-45.

BRUNATI, Ernesto. (A) proposito di errori nel rapporto sulla datazione, in *Collegamento pro Sindone*, May-June, 1997, p. 34-39.

BRUNATI, Ernesto. Testimoni, non accusati, in *Collegamento pro Sindone*, January-February, 1990, pp. 45-51.

BULST, Werner. Some Comments on the Turin Shroud After the Radio Carbon Test, in *The Catholic Counter-Reformation in the XXth Century*, September-October, 1989, No. 223, pp. 13-16.

CARBON, P. Bourcier De. Bilan du Symposium Scientifique International de 1989, in L'identification scientifique de l'Homme du Linceul: Jésus de Nazareth, Actes du Symposium Scientifique International, Rome, June 10-12, 1993, OEIL-F.-X. de Guibert, Paris, 1995, pp. 17-19.

CASCIOLI, R. Sindone, chi ha barato, in *Avvenire*, May 12, 1989, pg. 5.

*CASE, T.W. The Shroud of Turin and the C-14 Dating Fiasco, White Horse Press, Cincinnati, 1996. (This is a transcript of an interview of Shroud of Turin Research Project members, [the late] Dr. Alan Adler and [the late] Dr. John Heller.)

CAVIGLIA, P.G. (La) Santa Sindone. Un enigma appassionante, in *Il Messaggero del S. Bambino Gesù di Praga* 7, 1997, pp. 18-23.

CLARK, Kenneth. R. Shroud of Turin Controversy Resumes, in *Chicago Tribune*, January 14, 1988, pp. 1, 4.

*CORNWELL, John. Science and the Shroud, in *The Tablet*, January 14, 1988, pp. 36-38. (This is interview of Edward Hall of the Oxford Lab.)

**DAMON, Paul E. *et al.* Radiocarbon Dating of the Shroud of Turin, in *Nature* 337:6208, 1989, pp. 611-615. (This was the official report of the 3 laboratories that dated the Shroud and included 21 signatories.) Accessible at <http://www.shroud.com/nature.htm>.

Dating the Shroud, in *The Tablet*, January 30, 1988, pg. 115. [Author is anonymous.]

Declaration of the Scientific Committee of the Paris International Scientific Symposium (1989), in *Shroud Spectrum International* 32/33, 1989, pp. 33-35.

DUBARLE, A.M. Y a-t-il eu fraude et complot dans la datation du Linceul de Turin par le carbone 14?, in *Montre-Nous Ton Visage* 4, 1990, pp. 18-26.

**EVIN, Jacques. Bientôt la datation carbone 14 du Linceul de Turin, in *Montre-Nous Ton Visage* 1, 1988, pp. 11-23.

**EVIN, Jacques. (La) datation radiocarbone du Suaire de Turin - Commentaire sur la datation, in *Montre-Nous Ton Visage* 2, 1989, pp. 21-28.

**EVIN, Jacques. In Anticipation of Carbon 14 Dating of the Shroud of Turin, in *Shroud Spectrum International* 27, 1988, pp. 2-12.

**EVIN, Jacques. Questions de MNTV - Réponses et commentaires de Jacques Evin au sujet de la datation radiocarbone du Linceul de Turin, in *Montre-Nous Ton Visage* 5, 1991, pp. 9-14.

**EVIN, Jacques - Robert L. OTLET. Dating the Shroud of Turin – Two radiocarbon Specialists' Point of View and Proposal, in *Sindon - Nuova Serie* 16, 2001, pp. 79-87.

FANTI , Giulio- F.CROSILLA - M. RIANI - A.C. ATKINSON. (A) robust statistical analysis of the 1988 Turin Shroud radiocarbon dating results, in *Proceedings - International Workshop on the Scientific approach to the Acheiropietos Images*, Frascati May 4-6, 2010, ENEA, Frascati (Rome), 2010, pp. 249-253, <http://www.acheiropietos.info/proceedings/RianiWeb.pdf>.

FERRERO, E. Da New York e Londra: la Sindone è un falso, in *La Stampa*, September 23, 1988, pg. 7.

FOLENA, U. La Sindone rimane un'icona, in *Avvenire*, October 14, 1988, pg. 5.

FREER-WATERS, R.A. - A. J. T. **JULL. Investigating a Dated Piece of the Shroud of Turin, in *Radiocarbon* 52:4, 2010, pp. 1521-1527.

**GHIBERTI, Giuseppe – U. Casale. Dossier sulla Sindone, Queriniana, Brescia, 1996.

**GONELLA, Luigi. (E) ora il mistero si infittisce, in *Avvenire*, October 14, 1988, pg. 6.

**GONELLA, Luigi. Storia degli avvenimenti connessi alla datazione della S. Sindone, in Sindone, il mistero continua, Fondazione 3M Ed., Milan, 2005, pp. 28-87.

**GOVE, Harry E. Dating the Turin Shroud - An assessment, in *Radiocarbon* 32:1, 1990, pp. 87-92.

**GOVE, Harry E. Progress in Radiocarbon Dating the Shroud of Turin, in *Radiocarbon* 31:3, 1989, pp. 965-969.

**GOVE, Harry E. Relic, Icon or Hoax? Carbon dating the Turin Shroud, Institute of Physics Publishing, Bristol (UK) and Philadelphia (PA), USA, 1996.

**GOVE, Harry E. Turin Workshop on Radiocarbon Dating the Turin Shroud, in *Nuclear Instruments And Methods In Physics Research B29* (1987), pp. 193-195.

**HALL, Edward T. (The) Turin Shroud: an Editorial Postscript, in *Archaeometry* 31:1, 1989, pp. 92-95.

**HEDGES, Robert E.M. (A) Note Concerning the Application of Radiocarbon Dating to the Turin Shroud, in *Approfondimento Sindone* 1, 1997, pp. 1-8.

**HEDGES, Robert E.M. - R.A. HOUSLEY - **C.R. BRONK - **G.J. VAN KLINKEN. Radiocarbon Dates from the Oxford AMS System: Archaeometry Datelist 11 - Historical and Religious Artefacts - Shroud of Turin, in *Archaeometry* 32:2, 1990, pg. 233.

IVANOV, A.A. Carbon Dating of the Turin Shroud: Reasons for Scepticism, Alternative Approaches, Prospects and Further Research, in *The Turin Shroud, past, present and future*, International Scientific Symposium, Turin, March 2-5, 2000, Effatà Ed., Cantalupa (TO), 2000, pp. 479-494.

**JACKSON, John P. Datation scientifique du linceul de Turin, in *Revue Internationale du Linceul de Turin* 28, 2006, pp. 29-39.

**JACKSON, John P. - K. PROPP - D.R. FORNOF. (A) Scientific Evaluation of the Radiocarbon Date, in Sindone e Scienza - Bilanci e programmi alle soglie del terzo millennio, Atti del III Congresso Internazionale di Studi sulla Sindone, Turin, June 5-7, 1998, pp. 1-6. (Proceedings are available in CD-ROM only.)

**JACKSON, John P. - K. PROPP - D.R. FORNOF, On the Scientific Validity of the Shroud's Radiocarbon Date, in *Proceedings of the 1999 Shroud of Turin International Research Conference, Richmond, Virginia*, June 18-20 1999, Magisterium Press, Glen Allen (VA), USA, 2000, pp. 283-301.

**JACKSON, John - Y. SAILLARD - G. SALET, *L'incendie de 1532 et le carbone 14*, in *Revue Internationale du Linceul de Turin* 13, 1999, pp. 20-23.

JOUVENROUX, R.P. Intervalles de confiance et datation radiocarbone du Linceul de Turin, in *L'identification scientifique de l'Homme du Linceul: Jésus de Nazareth, Actes du Symposium Scientifique International*, Rome, June 10-12, 1993, OEIL-F.-X. de Guibert, Paris, 1995, pp. 189-205.

KERSTEN, Holger – E.R. GRUBER. (The) Jesus Conspiracy: The Turin Shroud and the Truth About the Resurrection. Rockport, Maine: Element, Inc, 1994.

KERSTEN, Holger – E.R. GRUBER. (Das) Jesus Komplott, Langen Müller, München, Deutschland, 1992.

KING, Paula. Labs Wrapped in Shroud Row, in *Oxford Mail*, January 20, 1988, pg. 10.

L'Osservatore Romano, October 14, 1988, pg. 2. [Untitled.]

LANGLEY, C. Turin Shroud is a Fake, in *(London) Evening Standard*, August 26, 1988, pg. 1.

LINDNER, Eberhard. (The) Ambiguity of the Radiocarbon Results of the Turin Shroud, in La datazione della Sindone, Atti del V Congresso Nazionale di Sindonologia, Cagliari, April 29-30, 1990, Edicar, Cagliari, 1990, pp. 149-166.

LINDNER, Eberhard. Recent Publications, in *British Society for the Turin Shroud Newsletter* 35, 1993, pp. 17-20.

LINDNER, Eberhard. Risposta al contributo di R. Van Haelst, in *Collegamento pro Sindone*, November-December, 1994, pp. 38-40.

LUCKETT, R. No Longer Shrouded in Mystery, in *(London) Evening Standard*, August 26, 1988, pg. 12.

MARINELLI, Emanuela. (The) Setting for the Radiocarbon Dating of the Shroud. Presented at 1st International Congress on the Holy Shroud in Spain, April 28-30, 2012. Accessible at <http://tinyurl.com/cammkgx>.

MARINO, Joseph. (The) Shroud of Turin and the Carbon 14 controversy, in *Fidelity* 8:3 (February) 1989, pp. 36-45.

**MEACHAM, William. On Carbon Dating the Turin Shroud, in *Shroud Spectrum International* 19, 1986, pp. 15-25.

**MEACHAM, William. Radiocarbon Measurement and the Age of the Turin Shroud: Possibilities and Uncertainties, in Turin Shroud – Image of Christ?, Proceedings of a Symposium held in Hong Kong, Hong Kong, March 3-9, 1986, Cosmos Printing Press Ltd., Hong Kong, 1987, pp. 41-56, <http://www.shroud.com/meacham.htm>.

**MEACHAM, William. (The) Rape of the Turin Shroud, Lulu.com, 2005.

**MEACHAM, William. Thoughts on the Shroud 14C Debate, in The Turin Shroud, past, present and future, International Scientific Symposium, Turin, March 2-5, 2000, Effatà Ed., Cantalupa (TO), 2000, pp. 442-454.

NANTES, George De. Appeal to the Twenty-One Co-Authors of the Report on the Carbon 14 Dating of the Holy Shroud, *The Catholic Counter-Reformation in the XXth Century*, November-December, 1989, No. 224, pp. 11-14.

*NANTES, Georges De. (The) Carbon 14 Dating: In Pursuit of the Forgers, in *The Catholic Counter-Reformation in the XXth Century*, April, No. 238, 1991, pp. 1-39. (This includes interviews with representatives of the 3 laboratories that dated the Shroud.)

*NANTES, Georges De. (The) Conclusion of a New Trial: His Condemnation to Death and His Resurrection, in *The Catholic Counter-Reformation in the XXth Century*, April, No. 295, 1997, pp. 19-34. (This includes quotations of some of the principal individuals involved in the 1988 dating.)

NANTES, Georges De. (La) datation au carbone 14 - La traque des faussaires, in *La Contre-Réforme Catholique au XXe Siècle*, 271, 1991, pp. 35-42.

NANTES, Georges De. (Une) double substitution, in *La Contre-Réforme Catholique au XXe Siècle*, 271, 1991, pp. 54-60.

NANTES, Georges De. (The) Holy Shroud, in *The Catholic Counter-Reformation in the XXth Century*, October, 1992, No. 251, pg. 13.

NANTES, Georges De. (Les) trois substitutions du docteur Tite, in *La Contre-Réforme Catholique au XXe Siècle*, 271, 1991, pp. 65-71

NANTES, George De – Bruno Bonnet-Eymard. (The) Scientific Rehabilitation of the Holy Shroud of Turin, in *The Catholic Counter-Reformation in the XXth Century*, May, 1989, No. 219, pp. 1-25.

*NANTES, George De – Bruno Bonnet-Eymard. (The) Turin Tricksters in Disarray, in *The Catholic Counter-Reformation in the XXth Century*, November-December, 1989, No. 224, pp. 7-10. (This includes quotations of some of the principal individuals involved in the 1988 dating.)

**OTLET, Robert - Jacques **EVIN. (The) Present State of Radiocarbon Dating, in The Turin Shroud, past, present and future, International Scientific Symposium, Turin, March 2-5, 2000, Effatà Ed., Cantalupa (TO), 2000, pp. 455-477.

PATRUNO, R. Un complotto anticattolico contro la sacra Sindone, in *La Repubblica*, September 29, 1988, pg. 18.

PENNISI, Mirella. Anger, Doubts, Disappointment, in *30 Days in the Church and the World*, 1:7, 1988, pp. 72-73.

PERRIER, B. Qui a peur du Saint Suaire? Ed. Florent Massot, Paris, 2011.

*[PETROSILLO, Orazio – E. MARINELLI.] Intervista al Prof. Tite del British Museum effettuata a Parigi da Orazio Petrosillo del Messaggero e da Emanuela Marinelli l'8 settembre 1989, in *Collegamento pro Sindone*, January-February, 1990, pp. 38-44.

PETRUCCI, M. Considerazioni sulla datazione della Sindone con il metodo del carbonio radioattivo, in *Collegamento pro Sindone*, January-February, 1993, pp.47-50.

POURRAT, Oliver. (Le) Linceul de Turin: vers un reprise du dialogue, in *Revue Internationale du Linceul de Turin* 31, 2008, pp. 34-37.

RALOFF, J. Controversy Builds as Shroud Tests Near, in *Science News*, April 16, 1988, pg. 245.

**RAMSEY, Christopher. (The) Shroud of Turin, Oxford Radiocarbon Accelerator Unit, March, 2008, <http://c14.arch.ox.ac.uk/embed.php?File=shroud.html>.

RIANI, Marco - G. FANTI - F. CROSILLA - A.C. ATKINSON. Statistica robusta e radiodatazione della Sindone, in *Sis-Magazine*, March 31, 2010, <http://www.sis-statistica.it/magazine/spip.php?article177>.

RIEDMATTEN, P. De. *20 ans après le test au carbone 14*, in *Cahiers sur le Linceul de Turin* 40, 2009, pp. 14-40.

**RIGGI DI NUMANA, Giovanni. (Il) giorno più lungo della S. Sindone di Torino, in Sindone, il mistero continua, Fondazione 3M Ed., Milan, 2005, pp. 88-171.

**RIGGI DI NUMANA, Giovanni. Prélèvement d'un morceau de tissu du Saint Suaire de Turin, in 1 - Le prélèvement du 21-4-1988 - Études du Tissu, Actes du Symposium Scientifique International, Paris, September 7-8, 1989, OEIL, Paris, 1989, pp. 27-44.

**RIGGI DI NUMANA, Giovanni. Rapporto Sindone 1978-87, Ed. 3M, Milan, 1988.

RINALDI, Gian M. Autogol a Tucson, January, 2011, <http://sindone.weebly.com/autogoltucson.html>.

RINALDI, Gian M. Autogol a Tucson - Poscritto, January 12, 2011, <http://sindone.weebly.com/autogoltucson.html>

RUFFORD, Nick. Vatican Steels Itself for "Fake" Result, in *London Times*, August 7, 1988, pp. 1, 3.

RUGGIERO, G. “Uno show degli scienziati”. È polemica sulla Sindone, in *Avvenire*, September 28, 1988, pg. 1.

**SAVARINO, Piero. (La) radiodatazione della Sindone, in Sindone e Scienza - Bilanci e programmi alle soglie de terzo millennio, Atti del III Congresso Internazionale di Studi sulla Sindone, Turin, June 5-7, 1998, pp. 1-6. (Proceedings are available in CD-ROM only.)

**SAVARINO, Piero. Recenti studi chimico-fisici sulla Sindone e la datazione con il metodo 14C, in Sindone, cento anni di ricerca, Istituto Poligrafico e Zecca dello Stato, Libreria dello Stato, Rome, 1998, pp. 185-208.

SCHOON, N. Analysing the Strands of Time, in *The Independent*, April 25, 1988, pg. 17.

Scientific Findings on the Age of the Shroud of Turin, in *L'Osservatore Romano*, (English edition) October 17, 1988, pg. 2.

SERVADIO, G. La Sindone ammalia gli inglesi, in *La Stampa*, August 8, 1988, pg. 15.

**SHROUD OF TURIN RESEARCH PROJECT. Draft Protocol For Future Examinations of the Shroud of Turin, 1988. Accessible at <http://freepages.religions.rootsweb.ancestry.com/~wmeacham/sturp88.pdf>. (This is a different document from the one that STURP produced in 1987.) (See below.)

**SHROUD OF TURIN RESEARCH PROJECT. Draft Protocol For the Next Examination of the Shroud of Turin, 1987. Accessible at <http://freepages.religions.rootsweb.ancestry.com/~wmeacham/sturp87a.pdf>. (This is a different document from the one that STURP produced in 1988.) (See above.)

**SOX, David. (The) Shroud Unmasked - Uncovering the Greatest Forgery of All Time. The Lamp Press, Basingstoke (UK), 1988.

**TESTORE, Franco. Prélèvement d'un morceau de tissu du Saint Suaire de Turin, in 1 - Le prélèvement du 21-4-1988 - Études du Tissu, Actes du Symposium Scientifique International, Paris, September 7-8, 1989, OEIL, Paris, 1989 pp. 27-44.

**[TITE, MICHAEL.] Radio Courtoisie, in *Shroud Spectrum International* 32/33, 1989, pp. 36-37. (This is transcript of a radio interview of Dr. Tite.)

TOSATTI, M. Inchiesta sulla Sindone, Piemme, Casale Monferrato (AL), 2009.

TRAVAGLIO, M. Non basta il carbonio 14. Altre polemiche sulla Sindone, in *Il Giornale*, May 12, 1989, pg. 7.

TYRER, John. Pulizia dei campioni di materiali tessili dai contaminanti prima dell'effettuazione di esami di datazione col radiocarbonio, in *Collegamento pro Sindone*, January-February, 1989, pp. 37-38.

TYRER, John. Textile Questions that Remain Following the Carbon Dating Test, in *Shroud Spectrum International* 28/29, 1988, pp. 13-15.

VAN HAELST, Remi. Aumentano i dubbi sulla datazione radiocarbonica, in *Collegamento pro Sindone*, January-February, 1990, pp. 27-37.

VAN HAELST, Remi. (Il) British Museum alla fine aprirà i suoi archivi sindonici?, in *Collegamento pro Sindone*, July-August, 1993, pp. 29-33.

VAN HAELST, Remi. Un "caveat" (avvertimento) riguardante la datazione radiocarbonica della Sindone, in *Collegamento pro Sindone*, November-December, 1994, pp. 41-43.

VAN HAELST, Remi. (A) Critical Review of the Radiocarbon Dating of the Shroud of Turin. ANOVA - a Useful Method to Evaluate Sets of High Precision AMS Radiocarbon Measurements, in *Proceedings - International Workshop on the Scientific approach to the Acheiropoietos Images*, Frascati May 4-6, 2010, ENEA, Frascati (Rome), 2010, pp. 267-273.

VAN HAELST, Remi. (La) datazione della Sindone veramente manipolata, in *Collegamento pro Sindone*, May-June, 1992, pp. 30-33.

VAN HAELST, Remi. (La) datazione radiocarbonica della Sindone rivista con il nuovo modello IEM-EEM, in *Collegamento pro Sindone*, September-October, 1991, pp. 48-50.

VAN HAELST, Remi. (Una) domanda per la verità, in *Collegamento pro Sindone*, July-August, 1990, pp. 45-47.

VAN HAELST, Remi. Influenze ambientali su datazioni radiocarboniche di tessuti, in *Collegamento pro Sindone*, November-December, 1998, pp. 42-44.

VAN HAELST, Remi. L'esattezza della datazione radiocarbonica medievale, in *Collegamento pro Sindone*, July-August, 1997, pp. 20-22.

VAN HAELST, Remi. Natural Deviations of the Radiocarbon Equilibrium in the Atmosphere. Finally, a Scientific Explanation for the Mediaeval Dating of the Shroud?, in *Collegamento pro Sindone Internet*, 2001, <http://www.shroud.it/VHAELST5.PDF>.

VAN HAELST, Remi. *New Light on the Radiocarbon Dating of the Shroud*, in Sindone e Scienza - Bilanci e programmi alle soglie del terzo millennio, Atti del III Congresso Internazionale di Studi sulla Sindone, Turin, June 5-7, 1998, pp. 1-4. (Proceedings are available in CD-ROM only.)

VAN HAELST, Remi. Onestà scientifica, in *Collegamento pro Sindone*, September-October, 1991, pp. 52-53.

VAN HAELST, Remi. Osservazioni sull'articolo "Considerazioni sulla datazione della Sindone con il metodo del carbonio radioattivo" di Michele Petrucci, in *Collegamento pro Sindone*, September-October, 1993, pp. 45-48.

VAN HAELST, Remi. Osservazioni sulle "Ipotesi su tutte le tracce della Sindone", in *Collegamento pro Sindone*, May-June, 1994, pp. 39-44.

VAN HAELST, Remi. Quando gli esperti del radiocarbonio diventano esperti tessili, in *Collegamento pro Sindone*, January-February, 1992, pp. 39-41.

Van Haelst. Remi. (The) Radiocarbon Dating of the Shroud, in Sindone 2000, Proceedings of the Worldwide Congress, Orvieto, August 27-29, 2000, Gerni Ed., San Severo (FG), 2000, Vol. I, pp. 199-221.

VAN HAELST, Remi. *Radiocarbon Dating of the Shroud of Turin - Critical Analysis Statistics «Nature» Data*, in L'identification scientifique de l'Homme du Linceul: Jésus de Nazareth, Actes du Symposium Scientifique International, Rome, June 10-12, 1993, OEIL-F.-X. de Guibert, Paris, 1995, pp. 207-218.

VAN HAELST, Remi. Radiocarbon Dating the Shroud of Turin, in *Collegamento pro Sindone Internet*, October, 2002, <http://space.tin.it/scienza/bachm/VHAELST6.PDF>.

VAN HAELST, Remi. *Rappresentazione grafica dell'analisi statistica dei dati della datazione radiocarbonica della Sindone*, in *Collegamento pro Sindone*, March-April, 1990, pp. 11-17.

VAN HAELST, Remi. (La) Santa Sindone e la datazione col 14C, in *Collegamento pro Sindone*, May-June, 1989, pp.30-33.

VAN HAELST, Remi. (A) Tantalizing Photograph of the Oxford Samples, in *Collegamento pro Sindone Internet*, June, 2001, <http://www.shroud.it/VHAELST3.PDF>.

VAN HAELST, Remi. (The) Validity of the 1988 Shroud Sampling, in *Collegamento pro Sindone Internet*, April, 2001, <http://www.shroud.it/VHAELST1.PDF>.

VAN HAELST, Remi. (Il) vero significato di "livello di significatività 5%" per una datazione medievale della Sindone, in *Collegamento pro Sindone*, September-October, 1992, pp. 35-38.

VAN OOSTERWYCK-GASTUCHE, Marie –C. (*La Sindone e il radiocarbonio. Una sentenza contestata: l'età medievale della Sindone*, in Sindone e Scienza - Bilanci e programmi alle soglie del terzo millennio, Atti del III Congresso Internazionale di Studi sulla Sindone, Turin, June 5-7, 1998, pp. 1-9. (Proceedings are available in CD-ROM only.)

**[VATICAN PRESS OFFICE.] *L'Osservatore Romano*, April 23, 1988, pg. 2. (This is regarding details of the sample taken for the testing.)

**VIAL, Gabriel. Lettera al Sig. Testore, in *Collegamento pro Sindone*, March-April, 1990, pp. 42-44.

VIRLET, J. (The) Shroud Literature and the 14C datation: Solid State NMR, a Useful Tool, in The Turin Shroud, past, present and future, International Scientific Symposium, Turin, March 2-5, 2000, Effatà Ed., Cantalupa (TO), 2000, pp. 177-178.

WALSH, Bryan J. (The) 1988 Shroud of Turin Radiocarbon Tests Reconsidered, in *Proceedings of the 1999 Shroud of Turin International Research Conference, Richmond, Virginia*, June 18-20 1999, Magisterium Press, Glen Allen (VA), USA, 2000, pp. 326-346.

**WÖLFLI, Willi. Die datierung des Turiner Grabtuches, in *Jahresbericht 1988 der ETH Zürich*, 1989, pp. 48-53.

WRIGHT, Pearce. New Dispute on Dating Tests, in *London Times*, January 16, 1988, pg. 3.

.SECTION II—LETTERS TO THE EDITOR

BUSSON, P. Sampling Error? in *Nature* 352:6332, 1991, pg. 187.

DUTTON, Dennis. Protocols for Turin Shroud, in *Nature* 331:6152, 1988, pg. 108.

DUTTON, Dennis. (The) Shroud of Turin, in *Nature* 332:6162, 1988, pg. 300.

DUTTON, Dennis. Still Shrouded in Mystery, in *Nature* 327:6117, 1987, pg. 10.

**GOVE, Harry E. Radiocarbon-dating the Shroud, in *Nature* 333:6169, 1988, pg. 110.

**GOVE, Harry E. (The) Turin Shroud, in *Archaeometry* 31:2, 1989, pp. 235-237.

- **GOVE, Harry E. Turin Shroud, in *Nature* 327:6124, 1987, pg. 652.
- HALISEY, R. More on the Shroud, in *Nature* 346:6280, 1990, pg. 100.
- **HALL, Edward T. Turin Shroud Update - Contamination Theory Criticised, in *Textile Horizons* 10:1, 1989, pg. 14.
- KERSTEN, Holger – E.R. GRUBER. Letters, in *British Society for the Turin Shroud Newsletter* 36, 1993-1994, pp.18-20.
- POURRAT, Oliver. Shroud Dating Still Questioned, in *Nature* 349:6310, 1991, pg. 558.
- SMITH, P.R. Dating the Shroud, in *Nature* 328:6127, 1987, pg. 196.
- **TITE, Michael. More on the Shroud. Tite replies, in *Nature* 346:6280, 1990, pg. 100.
- **TITE, Michael. Turin Shroud, in *Nature* 327:6122, 1987, pg. 456.
- **TITE, Michael. Turin Shroud, in *Nature* 332:6164, 1988, pg. 482.
- TYRER, John. Is It Really a Fake?, in *Textile Horizons* 9:3, 1989, pp. 51-52.

AUTHORS WHO WERE PARTICIPANTS IN THE 1988 C-14 TESTING

[ARCHDIOCESE OF TURIN.] The authorities of the Turin archdiocese, led at the time of the dating by the late Cardinal Anastasio Ballestrero, were custodians of the Shroud, which actually belongs to the living Pope.

DAMON, Paul E. The late Prof. Damon was head of the Arizona lab at the time of the testing.

EVIN, Jacques. The late Prof Evin was a French C-14 expert involved in the sample-taking.

GHIBERTI, Giuseppe. Monsignor Ghiberti was president of the Turin archdiocese's Commission on the Shroud. Although he didn't actually have an active role in the 1988 dating, I have listed him here because of his close connection to the Turin officials who were.

GONELLA, Luigi. The late Prof. Gonella was the late Cardinal Ballestrero's scientific advisor for both the 1978 STURP testing and the 1988 C-14 testing.

GOVE, Harry E. The late Dr. Gove was the inventor of the specific AMS dating procedure used on the Shroud. He also participated in the 1986 planning meeting in Turin.

HALL, Edward T. The late Prof. Hall was head of the Oxford lab at the time of the testing.

HEDGES, Robert E.M. - R.A. HOUSLEY - C.R. BRONK (a.k.a. Christopher Ramsey) - G.J. VAN KLINKEN. The authors are from the Oxford C-14 laboratory, which was one of the 3 labs that dated the Shroud in 1988.

JACKSON, John. P. Dr. Jackson was co-founder of the Shroud of Turin Research Project.

JULL, A.J. Timothy. Prof. Jull is one of the Arizona scientists who participated in the 1988 dating and is currently head of the lab.

MEACHAM, William. Prof. Meacham, an archaeologist familiar with the problems of C-14 dating, participated in the 1986 planning meeting in Turin in preparation for the 1988 dating.

OTLET, R.L. Prof. Otlet was from the Harwell C-14 lab in England that was considered as one of the labs that would date the Shroud in 1988.

RAMSEY, Christopher (a.k.a. C.R. BRONK). Professor Ramsey from Oxford was involved in the 1988 dating and is currently head of the laboratory.

RIGGI DI NUMANA, Giovanni. The late Prof. Riggi Di Numana was the Italian scientist who cut the sample for the testing.

SAVARINO, Piero. Prof. Savarino was the scientific advisor to Cardinal Polletto at the time of the 1998 exhibition of the Shroud in Turin.

SHROUD OF TURIN RESEARCH PROJECT. This is the group that studied the Shroud in Turin in 1978. They had proposed a C-14 test in conjunction with 25 other tests, but the authorities chose only to do the C-14 test, as well as not to utilize in the dating process STURP's expertise.

SOX, David. Reverend Sox, an Episcopal priest, was allowed to be an observer at the Zurich lab while they conducted their testing of the sample for the dating.

TESTORE, Franco. Prof. Testore was an Italian textile expert involved in the sample taking in 1988.

TITE, Michael. Dr. Tite, at the time of the dating was from the British Museum and overseer of the 1988 testing.

VIAL, Gabriel. The late Prof. Vial was a French textile expert involved in the sample taking in 1988.

WÖLFLI, Willi. Prof. Wolfli was head of the Zurich lab at the time of the testing.