

DR ALAN WHANGER

In No. 1 of this revised format *BSTS Newsletter*, we mentioned the work of Dr Alan Whanger, Professor of Psychiatry at Duke University, North Carolina, who has devised a particularly interesting technique for comparing the Shroud image with Byzantine Christ portraits that appear to have been inspired by the Shroud face. Whanger uses twin slide projectors with polarised viewing filters, linked to a dissolve unit, and projecting onto a lenticular screen. It has been our intention for some while to show Dr Whanger's findings at a BSTS meeting, but each time there has been too much pressure of other business, or the full apparatus for slide showing has not been available. It is now intended to remedy this. In the meantime: those members particularly interested in Dr Whanger's work, and who cannot manage to get to the September meeting - there is a slide set available:

Slide Set G - ICON - SHROUD - COIN by Dr Alan & Mary Whanger. Available by post from The Holy Shroud Guild, 294 East 150 Street, Bronx, New York 10451, USA, price 3 dollars per set, plus one dollar for postage.

Also available at the same price is a similar set, Slide Set H - COINS ON THE EYES - DATE, illustrating the findings of Fr. Francis Filas.

FR. FRANCIS FILAS

A recent letter from Fr. Francis Filas of Loyola University, Chicago, updates us on his latest research. This involves 3D analysis of the Enrie and related photographs of the Shroud, and is being carried out with the help of Dr. Robert Haralick of the State University of Blacksburg, Virginia.

Fr. Filas believes that the high-resolution pictures resulting indicate the presence of a loin cloth of approximately 6½ x 9 in. reaching to about 2 in. above the knees of the Shroud figure - and feels that a "dim rectangle" can be detected on naked-eye inspection of good quality photographic negatives and positives of the Shroud (e.g. Vern Miller's full length plate on p. 740 of the *National Geographic* of June 1980).

Fr. Filas, well-known for his hypothesis that detailed examination of the face of the Shroud image shows signs of coins of the time of Pontius Pilate being present over the eyelids, also claims that the latest 3D research further substantiates his theory.

BSTS members can obtain a copy of Fr. Filas' 3-page updating if they send an sae to the General Secretary with their request. Both Dr Haralick and Fr. Filas will be issuing full statements shortly.

DR MAX FREI

It has been a year of double tragedy for Frau Frei-Sulzer, widow of the Shroud pollen specialist Dr. Max Frei. Seven weeks after losing her husband Max in March, her daughter also died. In the letter of condolence sent on behalf of the Society, the offer was made of a permanent archive of Dr. Frei's work to be housed in Britain, should there be any danger of his work not being preserved. Frau Frei-Sulzer has written:

"I thank you for your letter and for your offer concerning a permanent archive. I shall revert to it if necessary. But I think - I did not ask them till now - the Fathers at Turin will be interested in all of Max's samples, preparations, papers and photographs on the pollen of the Shroud, so that these things shall not be lost".