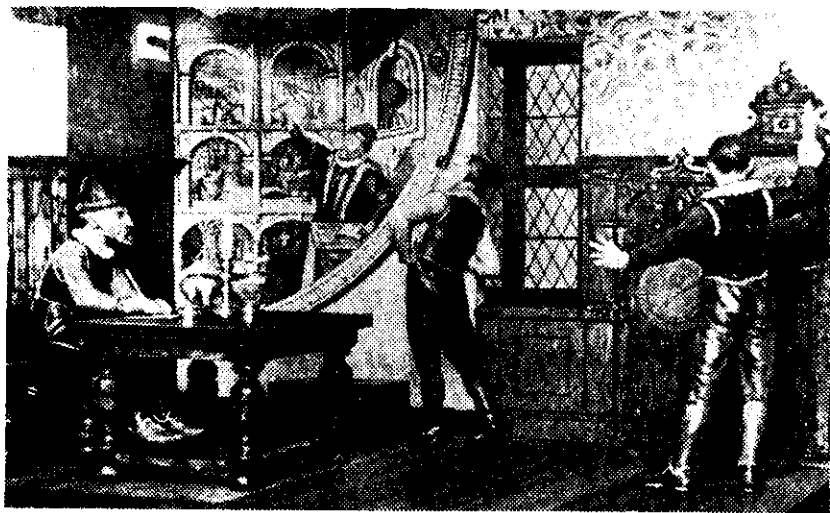


Astronomical Occasion



ON Saturday, December 14, at Copenhagen, 14 internationally-famous astronomers will be awarded doctorates in recognition of their contributions to science. And the occasion will be remarkable, also, as the 400th anniversary of the birth of Tycho Brahe, the great Danish astronomer, who, after studying law at Copenhagen and Leipzig, turned to scientific astronomy in 1565.

Brahe is chiefly notable for his services to practical astronomy, his observations being regarded as superior in accuracy to those of his predecessors. His theory of the relation of the earth to the sun and planets was a compromise between those of Ptolemy and Copernicus. He was born in 1546 and died in 1601.

From 2YA, on Thursday, December 12, a talk entitled "A Notable Anniversary: Tycho Brahe, First Scientific Astronomer," will be given at 7.15 p.m. by I. L. Thomsen, F.R.A.S., of the Carter Observatory, Wellington.

The portrait on the right shows Tycho Brahe, wearing the Order of the Elephant, the highest Danish order (lately bestowed on Field-Marshal Montgomery as a sign of thanks for the liberation of Denmark). Part of Brahe's nose was



chopped off in a duel and forever after he wore an artificial nose-plate of an alloy of gold, silver, and copper. The picture at the top of the page is of a model reconstruction of Brahe's study at Uraniborg and shows, in the background, the large wall-quadrant he himself devised to measure the altitude of the stars.

SHORTWAVE HIGHLIGHTS

FROM Radio Australia and the Inland Inter-state Services many entertaining programmes can be heard at present, dealing with a variety of subjects.

Programme to the Forces in the Pacific, Japan and Asia (9.15-11.30 a.m.): VLA4, 11.77 mc/s, 25.49 metres; VLB6, 15.20, 19.74; VLC10, 21.68, 13.84.

North American Service (12.15-1.30 p.m.): VLA9, 21.60 mc/s, 13.89 metres.

Programme to the Forces in the Pacific, Japan and Asia (2.0-4.0 p.m.): VLA9, 21.60 mc/s, 13.89 metres; VLB5, 21.54, 13.94; VLC9, 17.84, 16.82; VLG5, 11.88, 25.25; VLG7, 15.16, 19.79 (2.0 p.m.-7.20 p.m., Saturday only).

North American Service (4.45-5.45 p.m.): VLA4, 11.77 mc/s, 25.49 metres; VLB2, 9.68, 30.99 (not Saturday); VLC6, 9.615, 31.20; VLG7, 15.16, 19.79 (not Saturday).

Programme to the British Isles (7.0-8.15 p.m.): VLA9, 21.60 mc/s, 13.89 metres; VLB3, 11.77, 25.49 (closes 8.0 p.m.); VLC10, 21.68, 13.84 (Saturday only).

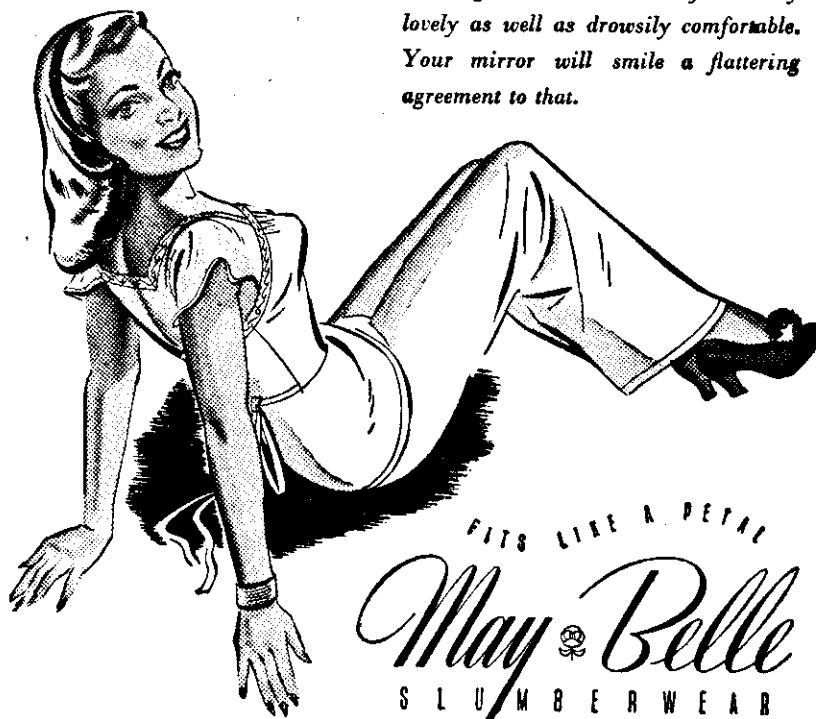
General Forces Programme (8.30 p.m.-12.0 midnight): VLB8, 21.60 mc/s, 13.89 metres; VLA6, 15.20, 19.74 (closes 11.30 p.m.).

Inter-state Shortwave Stations: VLH5, 15.24 mc/s, 19.69 metres (12.15 p.m.-8.0 p.m.); VLR, 9.54, 31.45 (12.15 p.m.-8.15 p.m.); VLQ3, 9.66, 31.06 (12.15 p.m.-8.15 p.m.); VLQ2, 7.215, 41.58 (8.30 p.m.-2.0 a.m.).

Headlines in the Programmes: Agricultural Bulletin, 8.0 p.m., Monday, VLB3; Re-establishment Newsletter, 9.45 p.m., Wednesday, VLA6; Vocations for Servicemen, 9.45 p.m., Thursday, VLA6; Australian Women's Newsletter, 12.30 p.m., Friday, VLA9; Canberra Report, 5.0 p.m., Friday, VLA4; Background to Australia, 7.15 p.m., Friday, VLB3; Review of Economic News, 8.0 p.m., Friday, VLA9; Australian Newsreel, 7.05 p.m., Saturday, VLB3; Sporting Prospects for Saturday, 3.30 p.m., Friday, VLA9; Sports Results (daily except Sunday), 8.30 p.m., VLQ2.

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