

The Young Orlando Days

Gron Tudor Jones

University of Birmingham

16 February 2023

Orlando's birth certificate: 22 December 1954

199-
 Orlagos
 Subuzon Sumistro, Primera Autoridad. En
 municipio Lagunitillas, Distrito Bolívar del Es
 ta, hago constar: que hoy día dieciocho de
 de mil novecientos cincuenta y cinco, se p
 ante este Juzgado el subdado. El Sr. Fran
 de veintidós años de edad; soltero; oprimen
 natural de España. Deseo saber todo del
 lado Mérida y vecino de este Municipio
 puso el día veintidos de Diciembre del pres
 año; a las diez y veinte minutos de la ma
 na; nació en el Tourist Hospital SOC de a
 restricción; un niño varón que lleva por nom
 bre "Orlando", que es hijo legítimo de Orla
 do Villalobos Alagon, de treinta y dos años
 edad; casado; Ingeniero, natural de Guaya
 co - Provincia de Bahías - Chile y de su esposa
 Yvonne Noemil Baillet de Villalobos; de treinta
 dos años de edad; casada; de oficio del la
 natural de Isla de Wight Parkhurst - Inglate
 ra, ambos domiciliados en campo Lagunitas;
 casa número treinta. jurisdicción de este m
 municipio. Fuere testigos presenciales de este ac
 to los subdadaos. Gabriel Alon; de cincuenta
 tres años de edad, casado, comerciante; resi
 denciado en esta población de Ciudad Ojeda y
 Fermín Farián, de cincuenta y seis años de
 edad; casado, comerciante; jurisdiccionado
 en el caserío Farián de esta jurisdicción
 Fermín; legosales y *comunes personas.*
 El Subdado
 Gabriel Alon
 los testigos
 Paul Alon
 Germán Serrano

El Juzgado
 Subdado del Municipio
 Lagunitas

El Subdado



The First 21 Years (1954-1975)

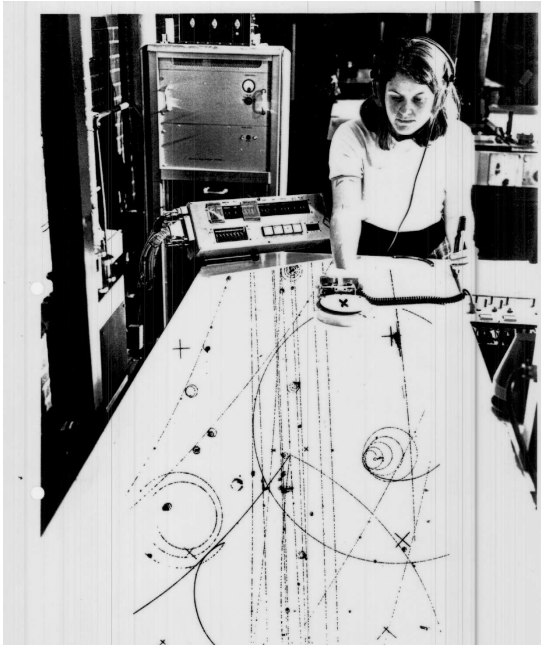
- ▶ Born Lagunillas, Zulia
- ▶ 1960 First School - Cardón
- ▶ 1962 British School - Caracas
- ▶ 1965 Woolpit School Surrey, UK
- ▶ 1968 Stowe School - Bucks, UK

- ▶ Merton College Oxford
Physics and Philosophy

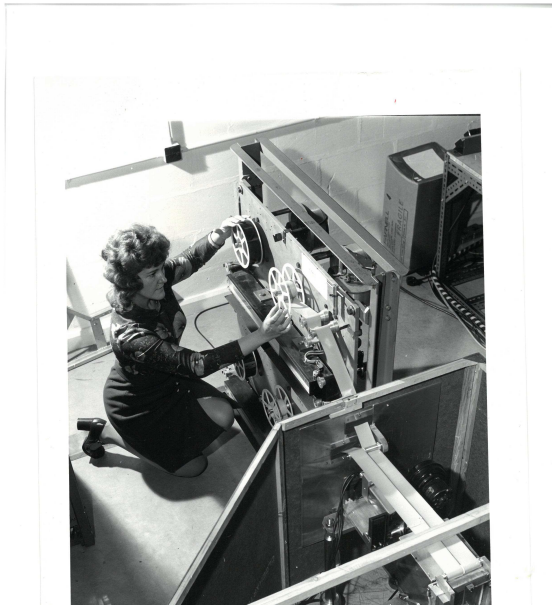
CERN 2 metre hydrogen bubble chamber



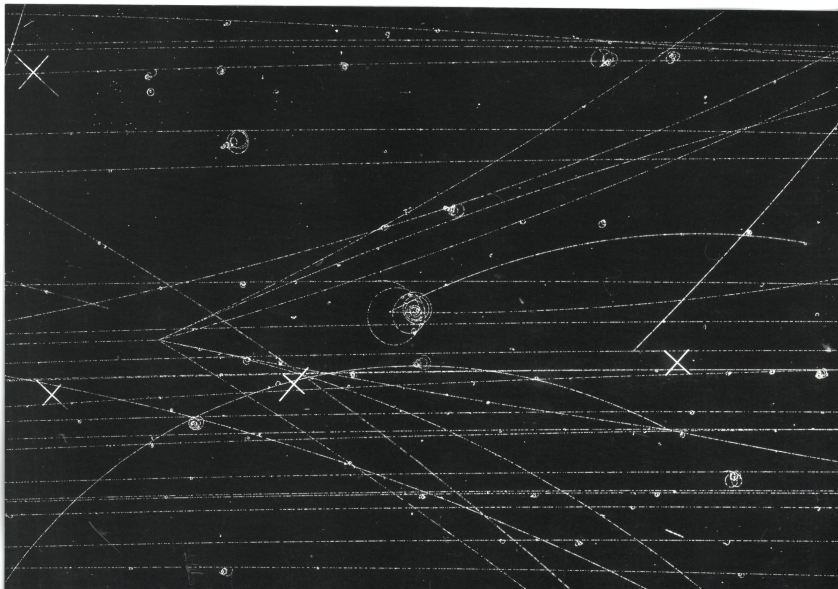
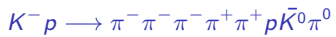
Scanning 2 metre CERN bubble chamber picture



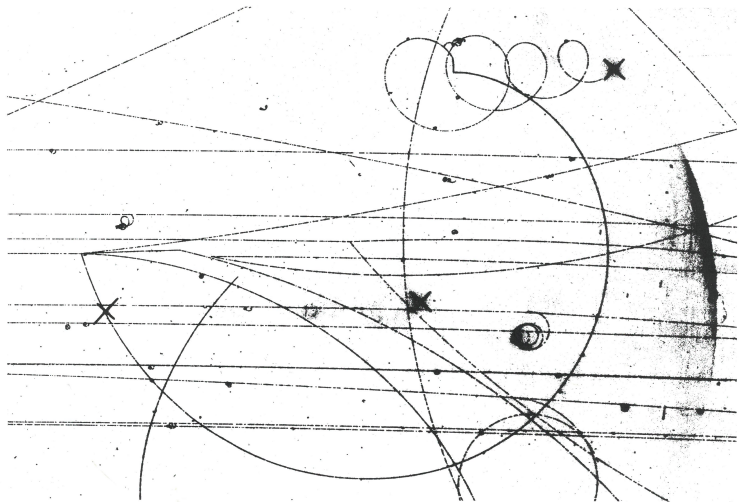
Loading film onto 'Flying Spot Device' (measuring)



Millionth event:

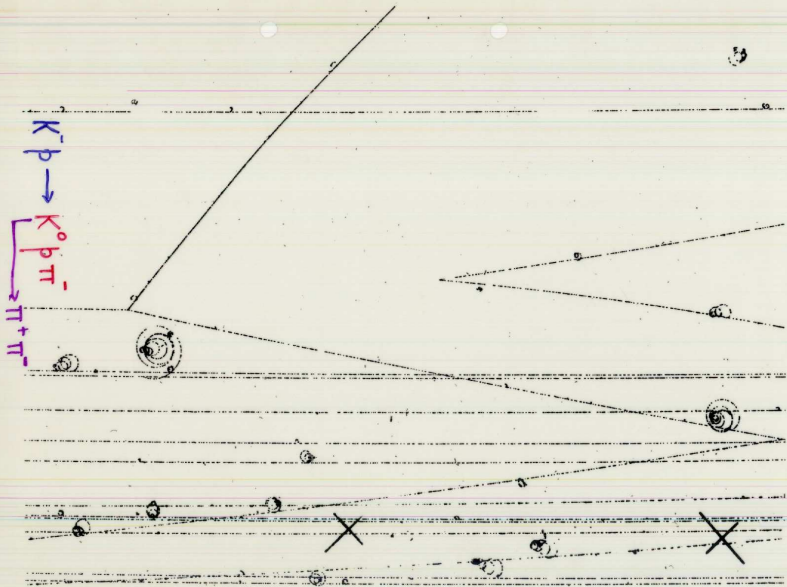


A beautifully rich event: $K^- p \rightarrow K^- \pi^- \pi^+ p K^0 + ?$



An event from Orlando's MSc thesis

Thanks to John Kinson, University of Birmingham



Orlando the graduate student

MSc (1978) Funded by a *Gran Mariscal de Ayacucho* scholarship.

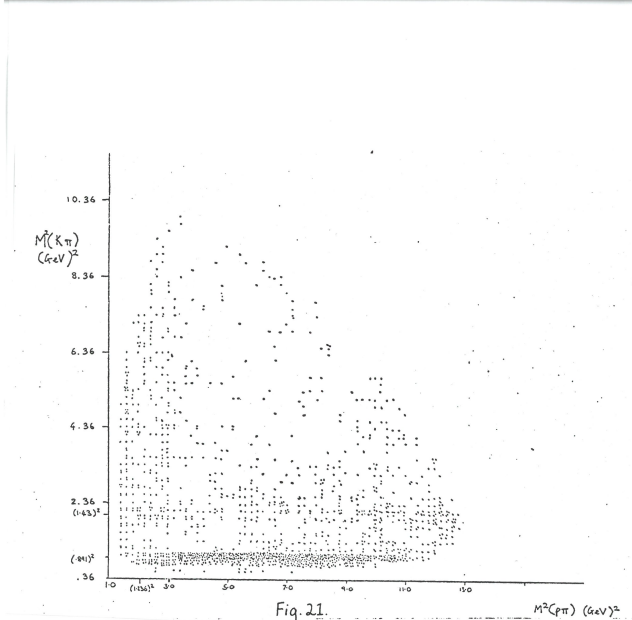
A Study of \bar{K}^0 Final States in K^-p
Interactions at 8.25 GeV/c

PhD (1983) Funded by a *British Council* scholarship.

Strangeonium Production and Ξ^* Production
in K^-p Interactions at 8.25 GeV/c

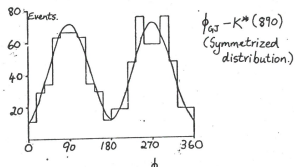
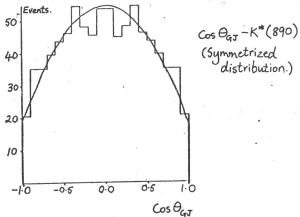
Dalitz plot: $M^2(\bar{K}^0\pi^-)$ vs $M^2(p\pi^0)$

From MSc



Gottfried-Jackson angles of the $K^*(890)$

From MSc



PWA of f' region in $K^-p \rightarrow K\bar{K}\Lambda^0$

From PhD

Z. Phys. C - Particles and Fields 37, 309-311 (1983)

Journal of Particles and Fields
© Springer-Verlag 1983

A Partial Wave Analysis of the f' Region in the Reaction $K^-p \rightarrow K\bar{K}\Lambda^0$ at 8.25 GeV/c

Birmingham^{1*} - CERN² - Glasgow^{3*} - Michigan State^{4**} - Paris^{5***} Collaboration

M. Baubillier⁵, I.J. Bloodworth¹, A. Burns², J.N. Carney¹, G.F. Cox¹, U. Dore², J.B. Kinross¹, K. Kusano¹, F. Levy¹, P.J. Nigus¹, B.V. Ob¹, E. Querzigh¹, J.M. Scarr², G.A. Smith⁴, G. Vasilakos-Ballie¹, M.F. Votruba¹, J. Whitmore⁴, R. Zitoun^{1,2}

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Received 29 December 1982

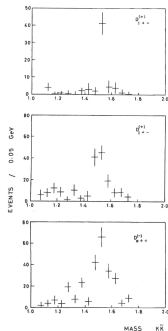
Abstract. A partial wave analysis of the $K\bar{K}$ system produced by 8.25 GeV/c K^- mesons in the reaction $K^-p \rightarrow K\bar{K}\Lambda^0$ has been performed, taking into account the information provided by the Λ^0 decay. The f' region is dominated by D_1^{*+} and D_1^{*0} waves. We see no evidence for the production of new D^{*+} states in the mass region 1.05 to 1.75 GeV.

We present the results of a study of the reactions

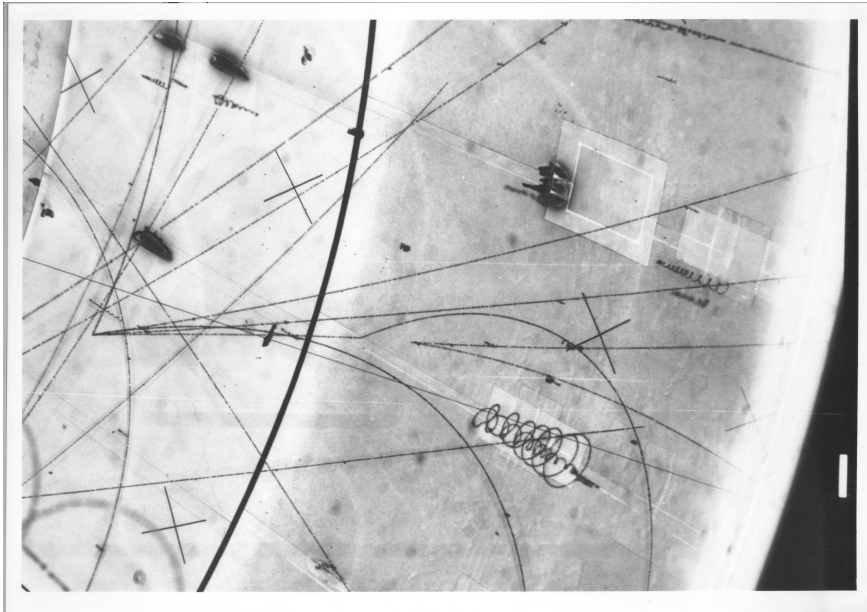
$$K^-p \rightarrow K^+K^-K^0\Lambda^0 \quad (1)$$

$$K^-p \rightarrow K_1^0K_1^0\Lambda^0 \quad (2)$$

at 8.25 GeV/c. The data correspond to a sensitivity of ~ 18 events/ib, and were obtained in a series of exposures of the CERN 2m hydrogen bubble chamber to an $r.f.$ separated beam of K^- mesons. In all 53 million pictures have been analysed.



A brief foray into the neutrino world



Mary Trainor graduation



College de France meeting

