

SUMMARY OF ACCEPTED ISR EXPERIMENTS

Expt. Code	Region	Description	Contact men, Collaboration	Status
R-103	1- 1	Search for Massive Dileptons	Di Lella, Cool, Lederman, Smith, A.	In Production
(T) R-104	1- 1	Search for high-energy multigamma events	Amaldi, Yuan	Parasitic on R-103
R-105	1- 1	Measurement of high transverse momentum charged particles	Banner, Stirling	Re-installation during shut-down
R-201	1- 2	Production of stable particles at small angles	Erné, Sens	In Production
R-202	1- 2	Study of particle prod. in high energy pp collisions medium angles	Bussière, Giacomelli	1st phase complete, 2nd phase in prod.
R-203	1- 2	a) Expt. to determine prod. spectra at $\pi^{\pm}, K^{\pm}, p, d..$ etc. at large angles b) Search for quarks at " "	Jarlskog, Von Dardel	Installing high momentum mode
R-204	1- 2	Measurement of muons with large transverse momentum as search for intermediate boson	Duff, Potter, Sharp	In Production
R-401	1- 4	Measurement of energy dependence of isobar excitation in pp collis.	Coignet, Flügge	To be performed in SFM (magn. installation Jan. 1973)
(T) R-403	1- 4	SFM Test and Survey Collaboration	Minten	Test expt. progressing
(T) R-404	1- 4	Test of search for heavy baryon isomers	Schmidt-Parzefall, Schubert, K.R.	Test expt. progressing
R-406	1- 4	First-generation SFM experiments	Massam, Zichichi	No time alloc. yet
R-407	1- 4	" " " "	Schmidt, K.H., Schopper	" " " "
R-408	1- 4	" " " "	Charpak et al.	" " " "
R-409	1- 4	" " " "	Breidenbach et al.	" " " "
R-410	1- 4	" " " "	MIT-Orsay Scand. Coll.	" " " "
R-601	1- 6	Measurement of pp differential cross-sect. in Coulomb interf. region	Matthiae, Wetherell	In Production
R-602	1- 6	Elastic scatt. measurement and search for quarks at small angles	Strolin	In Production
R-603	1- 6	Δ^{++} spectroscopy studies	Schlein	After compl. R-602
R-701	1- 7	Observation of inelastic pp coll. with streamer chambers	Darriulat, Tittel	Install. during sh-d.
R-801	1- 8	Measurement of pp total cross sect.	Del Prete, Finocchiaro, Foà	In Production
R-802	1- 8	Particle Prod. in forward direction	Matthiae, Wetherell	In Preparation, start anticipated after shut-down

(T) = Test