

| Lab. | Contact | Experiment | Apparatus | Remarks | References |
|---|----------------|--|--|--|---|
| Geneva, Heidelberg, Orsay, RHEI, Saclay | J. Steinberger | High-energy neutrino interactions. | Magnetic muon spectrometer + hadronic shower detector; | MANF; Approved by NPRC 17.4.74 as described in CERN/SPSC/74-39/M 25; H ₂ D ₂ target excepted | CERN/SPSC/P 73-2 CERN/SPSC/M 73-11 CERN/SPSC/P 73-1/Add.2 CERN/SPSC/74-6/P 1/Add.2 CERN/SPSC/74-38/M 25 CERN/SPSC/74-53/M 30 |
| Geneva, Heidelberg, Orsay, RHEI, Saclay | G. Sauvage | <ol style="list-style-type: none"> Elastic scattering and production of strange particle resonances by diffractive excitation in $\Sigma^+ p$ and $\Sigma^+ \bar{p}$ interactions between 75 and 150 GeV/c. Study of the leptonic decays $\Xi^- \rightarrow \Lambda e^- \bar{\nu}$, $\Xi^- \rightarrow \Lambda^0 e^- \bar{\nu}$ and $\Sigma^+ \rightarrow \Lambda e^+ \nu$. | Hyperon beam; MWPC (backward) + forward spectrometer | WA Study of leptonic decays approved by NPRC on 12.6.1974 | CERN/SPSC/I 73-11 CERN/SPSC/P 73-2 CERN/SPSC/74-32/P 2/Add.1 CERN/SPSC/74-48/M 26 |
| Geneva, Heidelberg, Orsay, RHEI, Saclay | K. Winter | Study of inelastic neutrino interactions using a counter set-up | Target-calorimeter and air-cored muon spectrometer; | MANF | CERN/SPSC/P 73-3 CERN/SPSC/74-8/P 3/Add.1 CERN/SPSC/74-40/M 26 |
| Geneva, Saclay | B. French | <ol style="list-style-type: none"> Dependence of high P_t events on the incident particle (π^+, K^+, p^+). Composition of the events as a function of P_t and the nature of the high P_t particle on which one triggers. Occurrence of jet like correlations, suggestive of parton-parton scattering. Jet cross section, multiplicity, composition and mass distribution. Existence of massive objects such as e.g. heavy "fire balls", resonances, charmed particles, etc. | MWPC magnetic vertex detector and forward lever arm with \bar{C} -counters and drift chambers. | Not recommended by SPSC on 24.4.74 for WA | CERN/SPSC/74-3/P 4 CERN/SPSC/74-46/P 4/Add.1 |

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|--|----------------|---|---|--|---|
| Vienna University, CERN | P. Bareyre | Measurement in the 20-120 GeV/c range, of two-body and quasi two-body baryon exchange reactions for $ u \leq 1$ (GeV/c) ² ; π^{\pm} , K^{\pm} and \bar{p} on unpolarized and polarized protons. | Two spectrometers ("Mimosas" and "Goliath") with hodoscopes and MWPC vertex detector | Approved by NPRC on 17.7.74 for backv. scattering part. On common beam line with P 8 | CERN/SPSC/74-10/P 5 CERN/SPSC/74-11/P 5/Ass.1 |
| CERN, Frascati, CERN, Pisa, Rome | L. Foà | Comparative study of hadron fragmentation, induced by different projectiles interacting with protons and nuclei. Energy range from 100 GeV/ upwards. | Forward magnetic spectrometer with 5 standard PS beam transport magnets. Vertex detector with MWPC inside magnet | NA (H 2) | CERN/SPSC/74-15/P 6 CERN/SPSC/74-23/P 6/Ass.1 CERN/SPSC/74-83/P 6/Ass.2 |
| CERN, Amsterdam, CERN, Oxford, RHEL | P. Weillhammer | Study of the quasi-two-body hadron reactions $\pi^{\pm} p \rightarrow (\pi^{\pm} \pi^{\pm}) n$, $(K^{\pm} K^{\pm}) n$, $(pp) n$, $\pi^{\pm} p \rightarrow (\pi^{\pm} \pi^{\pm}) n$, $K^{\pm} p \rightarrow (K^{\pm} \pi^{\pm}) n$, $\pi^{\pm} p \rightarrow (K^{\pm} \pi^{\pm}) p$, and $K^{\pm} p \rightarrow (K^{\pm} \pi^{\pm}) p$ over a wide kinematic range and at energies up to 80 GeV. | Modified version of CERN-Munich spectrometer; beam spectrometer; target with 4t anticoincidence counters; forward spectrometer with MWPC, Cerenkov hodoscopes and trigger | WA Approved by NPRC on 12.6.1974 | CERN/SPSC/74-14/P 7 |
| CERN, Trieste, Vienna | G. Fideccaro | Measurement of polarization in pp and np elastic scattering at large momentum transfer in 50-150 GeV/c range. | Polarized target with magnet for recoil particle analysis by MWPC. Forward spectrometer with MWPC, threshold Cerenkov counter and hodoscope | WA (E 1) Recommended by SPSC on 24.4.74, on common beam line with P 5 | CERN/SPSC/74-17/P 8 CERN/SPSC/74-54/P 8/Ass.1 |

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| <p>University of Cambridge, Cambridge, England University of London, London</p> | <p>V. Gracco</p> | <p>$\pi^+ p \rightarrow \pi^+ p$ and $pp \rightarrow pp$ would be measured in the angular range 20° to 90° cm with incident momenta 20, 40, 60 and 80 GeV/c. In the forward region one gets data on $K^+ p \rightarrow K^+ p$, $\bar{p} p \rightarrow \bar{p} p$ ($\pi^+ \pi^+$ and $K^+ K^+$).</p> | <p>AEC magnet (+ one C-magnet at higher energies). MWPC + γ-counter for forward particles. MWPC or drift ch. for recoil protons.</p> | <p>WA (H 1) Recommended by SPSC on 24.4.74; document on commitment of groups to produce.</p> | <p>CERN/SPSC/74-26/P 9 CERN/SPSC/74-45/P 9/Add.1 CERN/SPSC/74-61/P 9/Add.2</p> |
| <p>University of Cambridge, Cambridge, England Ecole Polytechnique, Paris, France University of Manchester, Manchester, England University of Sheffield, Sheffield</p> | <p>Ph. Duke</p> | <p>Photoproduction and electroproduction of hadrons for incident particle energies from 10 to 60 GeV.</p> | <p>Omega with tagged photon beam</p> | <p>WA Approved by NERC on 12.6.1974 for tagged photon part.</p> | <p>CERN/SPSC/74-29/P 10</p> |
| <p>University of Geneva, Geneva</p> | <p>M. Martin</p> | <p>Measurement with high statistics of production and decay properties of $S = 0$ and 1 bosons and $S = 0$ baryons produced in the quasi two-body reactions $K^+ p \rightarrow K^+ \pi^+ p$ $\pi^+ p \rightarrow X^+ p$ $X_S^0 \pi^+ \rightarrow X_S^0 K^+ \pi^+$</p> <p>and</p> $\begin{pmatrix} p \\ p \end{pmatrix} p \rightarrow N^+ p \begin{pmatrix} \Lambda K^+ \\ \bar{\Lambda} K^- \end{pmatrix}$ | <p>Recoil proton detector with MWPC and scintillation counter. Forward arm without magnet, with MWPC and γ-detector.</p> | <p>WA (H 1 or H 3) Not recommended by SPSC on 24.4.74.</p> | <p>CERN/SPSC/74-31/P 11</p> |

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|--|---------------|---|---|--|--|
| CERN, Orsay, Oxford | L. Dick | Spin-dependent effects in hadron-proton interactions: measurement of polarisation in np , Kp and pp elastic and inclusive scattering (or inelastic "diffractive" processes) between 25 and 100 GeV/c. | Polarized target; recoil spectrometer with C-magnet, hodoscopes and Cerenkov counter with TOF; forward arm with hodoscopes. | WA Not recommended by SPSC on 24.4.74 | CERN/SPSC/74-44/P 12 |
| Athens, Democritus, Liverpool, Vienna | H. Mairhead | To take 50,000 pictures at antiproton momenta of 25, 50 and (hopefully) 100 GeV/c (i.e. 150,000 pictures). The aim is to test the feasibility of annihilation studies at high momenta and to examine inclusive and exclusive pp reactions, especially in relation to pp data at corresponding energies. | BBBC | WA | CERN/SPSC/74-60/P 13 |
| Birmingham, Brussels, CERN, Genova, Mons | J.B. Kinson | 500,000 picture exposure in 70 GeV/c K^+ separated beam, with external particle identifier (EPI). Systematic study of hadronic reactions | BBBC + EPI | WA | CERN/SPSC/74-47/P 14 CERN/SPSC/I 73-19 CERN/SPSC/I 73-21 |
| Essaly | L. van Rossum | Measurement of polarisation parameter or target asymmetry in inclusive np and pp reactions at large transverse momentum. Momentum region from 50 to 150 GeV/c | Polarized target, analyzing magnet, forward- and side arm detectors. PT magnet and detectors in side arms from proposal P8 | NA | CERN/SPSC/74-71/P 15 CERN/SPSC/I 73-9 CERN/SPSC/I 73-39 |
| Bologna, Bologna, Padova, Pisa, Sacile, Torino | A.C. Tenner | ν - and $\bar{\nu}$ - reactions in D_2 ; study of weak hadronic current with protons and neutrons separately. | BBBC (D_2) | WANF; WA with 400 GeV p's then NB. | CERN/SPSC/74-72/P 16 CERN/SPSC/I 73-56 CERN/SPSC/74-9/T 56/AGG.1 |

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|--|-------------------|--|--|------------|---|
| Aachen, Darmstadt, Divespooel, Nijmegen, Tel-Aviv, Vienna | R.T. Van de Walle | 400 k pictures with K^+ at 70 GeV/c. Study of charge multiplicities, topological cross sections, exclusive and inclusive reactions. | BEBC (+EPI) | WA | CERN/SPSC/74-73/P 17 CERN/SPSC/I 73-10 |
| CERN, Daresbury, DESY, Freiburg, Kiel, Lancaster, Liverpool, Orsay, Oxford, Sheffield, R.M.C. Srinivahan, Turin, Wuppertal | E. Gabathuler | Programme of muon physics. | Forward spectrometer | NA (EHN 2) | CERN/SPSC/74-72/P 18 |
| CERN, Munich, Rome | C. Rubbia | Inclusive muon scattering on hydrogen and deuterium to the highest energies and four-momentum transfers available. | H_2 -target (50m long) surrounded by magnetized iron torus | NA (EHN 2) | CERN/SPSC/74-79/P 19 |
| Orsay | B. Dauvergas | 120 k pictures with π^+ at 110 GeV/c. 4-C physics; inclusive production of K^0 , Λ , $\bar{\Lambda}$, γ , ω etc; correlations and cluster production in high multiplicity events. | BEBC | WA | CERN/SPSC/74-80/P 20 |
| Birmingham | J.D. Dowell | Study of rare meson systems in $K^+\bar{p}$ collisions at 18 GeV/c and 32 GeV/c. | Omega with RF separated beam | WA | CERN/SPSC/74-64/P 21 |
| Brussels, CERN | J. Lemonne | 2 x 200 k pictures (1) & (2) with \bar{p} at 70 GeV/c. Study of multiparticle final states and properties of annihilation reactions. | BEBC + EPI (1) BEBC + TST+EPI (2) | WA | CERN/SPSC/74-67/P 22 |

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1) Letters of Intent

| No | Labs. | Contact | Expt. | Apparatus | Remarks | References |
|----|---------------|---------------|---|---|--|------------------|
| 1 | Marburg | R. Brandt | Nuclear chemistry (absolute monitor σ ; reactions in Cu, Au, Bi, U; "strange" decays as spontaneous fission) | (no detail) | no internal irradiation facility available. Would be "Beam dump" expt. NA(WA?) | CERN/SPSC/I 73-1 |
| 2 | Orsay | F. Yiou | Nuclear chemistry for astrophysics | internal irradiation facility | is not available | CERN/SPSC/I 73-2 |
| 3 | CERN | B.G. Pope | $p + \text{nucleus} \rightarrow \mu^+ \mu^- + \text{anything}$ at 400 GeV to $\sigma \sim 10^{-38} \text{ cm}^2$ with 10^{12} p/p. $\Delta M/M = \pm 5\%$ for 5 GeV $< M < 25$ GeV. | Beam dump in 1m target 10m steel wall MWPC-Planes with $\epsilon = \pm 0.5 \text{ mm}$ | NA, behind zone 2 | CERN/SPSC/I 73-3 |
| 4 | HEPL Stanford | R. Hofstadter | Backw. inelastic inclusive proc. $p + p \rightarrow p + p + p + p + p + p + p + x$ $\rightarrow \pi^+ + x$ $\rightarrow \pi^- + x$ $\rightarrow \chi^- + x$ etc., etc. Coincidence with High Res. Spectr. (1 arm) + TANC detector or particle or γ -detector 2nd arm: $p + p \rightarrow p + p + x$ (+ elast.) | 168" 2.5 GeV/c high resolution large acceptance spectrometer 180° bend $\Delta p/p = 10^{-4}$ | NA possible Not recommended by SPSC | CERN/SPSC/I 73-4 |
| 5 | Bergen | O. Skjeggstad | ν -physics | Gargamelle | WA | CERN/SPSC/I 73-5 |
| 6 | Bari | S. Natali | ν -physics | Gargamelle | WA | CERN/SPSC/I 73-6 |
| 7 | | P. Schlein | High P_t processes | Total absorption calorimeter | NA | CERN/SPSC/I 73-7 |

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|------|--|-----------------|---|---|--|---|
| I 8 | Birmingham, Birmingham, Glasgow, Lancaster, Manchester, Sheffield, Orsay, Ecole Pol., Bonn | P. J. Duke | γ e-physics 20-100 GeV | Omega | WA (NA: combined e-hadron beam planned) See P 10 | CERN/SPSC/I 73-8 |
| I 9 | CERN-Trieste-Vienna | G. Fidicaro | d σ /dt and polariz. parameter P for $\bar{p}p \rightarrow \bar{p}p$: $\bar{p}n \rightarrow \bar{p}n \rightarrow \bar{p}n$ between 25 \rightarrow 150 GeV/c and $t \leq 3$ (GeV/c) | Little detail. MWPC or drift ch. > 10 ⁸ p/p | WA (H 1) for low E NA (H 4, H 8) for high E. See P 8 | CERN/SPSC/I 73-9 |
| I 10 | Athens, Democritos, Liverpool, Nijmegen, Vienna | R. van de Walle | K ⁺ p 70 GeV/c | BEBC (H ₂) (+EHI?) | WA | CERN/SPSC/I 73-10 |
| I 11 | Geneva, Heidelberg, Lausanne, Orsay, KML, Strasbourg | G. Sauvage | Charged hyperon interactions; leptonic decays | Hyperon beam, MWPC (backw.) + forw. spectrometer | WA See P 2 | CERN/SPSC/I 73-11 CERN/SPSC/74-48/11 |
| I 12 | Lechen, CERN, Oxford | D. Cundy | ν -physics | BEBC (Ne) +EMI | WA | CERN/SPSC/I 73-12 |
| I 13 | Brussels | J. Sacton | ν -physics | Bubble chamber | WA | CERN/SPSC/I 73-13 |
| I 14 | LPdMNE | J. Duboc | K ⁺ p, 70 GeV/c | BEBC (H ₂) hybrid (charged particle identifier, TST, ext. γ -detector) | WA | CERN/SPSC/I 73-14 |

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| I 15 | Daresbury, Lancaster, Liverpool, Oxford, Sheffield, R.M.C. Schrieverham, Coll. de France, IPN Orsay, Bonn, (DESY), Wuppertal, CERN | E. Gabathuler | μ -physics up to 250 GeV | Forw. spectrometer 3 stages. Trajec. measd. by W ₁ -W ₈ : $\epsilon = \pm 0.15$ mm Large χ detector: 2 x 2m x 1m gap C-magnet; beam through yoke. Wire ch. inside + outside or streamer | NA zone 2 magn. length: 2, 4 + 8 Tm ₈ 200 evts/10 p 2 litre polarized target planned. | CERN/SPSC/I 73-15 CERN/SPSC/I 73-15 Rev CERN/SPSC/74-62/R 10 |
| I 16 | University College | D.J. Miller | p, $\bar{\pi}$ -proton up to 200 GeV/c | BEBC (H ₂ +Ne) + TST (H ₂)+forwd. γ -detector | WA | CERN/SPSC/I 73-16 |
| I 17 | University College | F.W. Bullock | ν -physics | Gargamelle | WA | CERN/SPSC/I 73-17 |
| I 18 | Glasgow, Oxford, RHEA, Sacley | G. Kalmus | $K^+ p$, 45+65 GeV/c | BEBC (H ₂) EHI | WA | CERN/SPSC/I 73-18 |
| I 19 | Mons | F. Grard | K^+ 30-75 GeV/c \bar{p} 25-100 GeV/c | BEBC (H ₂) EHI | WA | CERN/SPSC/I 73-19 |
| I 20 | Strasbourg | M. Paty | ν -physics | BEBC (H ₂ + Ne) or GGM + EMI | WA | CERN/SPSC/I 73-20 |
| I 21 | Birmingham, CERN, Genova, Sacley | E. Quercigh | K^+ , \bar{p} at 40-60 GeV/c | BEBC (H ₂) EHI | WA | CERN/SPSC/I 73-21 |

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| NO | LEDS. | Contact | Expt. | Apparatus | Remarks | References |
|------|--|-----------------|-----------------------------------|---|------------|-------------------|
| I 22 | Aachen, Berlin, Bonn, CERN, Cracow, Heidelberg, London, Vienna, Warsaw | D.R.O. Morrison | K^- , 75-110 GeV/c | BEBC (H ₂) later with Cerenkov-beam-tagging; TST | WA | CERN/SPSC/I 73-22 |
| I 23 | CERN, Hamburg, Karlsruhe, Oxford, Rutherford, Westfield College | K. Winter | v-physics | Hadron ionisation calorimeter | NA See P 3 | CERN/SPSC/I 73-23 |
| I 24 | Orsay | B. Daugeris | π^+ , highest momentum | BEBC (H ₂) | WA | CERN/SPSC/I 73-24 |
| I 25 | Orsay | B. Daugeris | π^+ , π^- , high momentum | BEBC (H ₂ +Ne) TST with deuterium | WA | CERN/SPSC/I 73-25 |
| I 26 | Ecole Polytechnique | P. Petitau | v-physics | Gargamelle, BEBC (Ne) | WA | CERN/SPSC/I 73-26 |
| I 27 | Bari, Birmingham, CERN, Geneva, Oslo, RHEI, Stockholm | C. Damerell | Hadron physics + 150 GeV/c | Focussing spectrometer | WA | CERN/SPSC/I 73-27 |
| I 28 | Aachen, CERN, Oxford | G. Myatt | v-physics | BEBC (H ₂) + EMI | WA | CERN/SPSC/I 73-28 |

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| I 29 | Racahon, Bari, Berger, Brussels, U.C. London, CERN, Milano, Padova, Ecole Polytechn. Orsay, Strasbourg, TORINO | A. Lagarrigue | v-physics | Bubble chambers | WA; review of v-programme of 12 laboratories. | CERN/SPSC/I 73-29 |
| I 30 | CERN | A. Rousset | v-physics | BBBC, GGM | WA | CERN/SPSC/I 73-30 |
| I 31 | College de France | C. Ghesquiere | π^+ , K^+ , \bar{p} ; 30-50 GeV/c | BBBC (H ₂) + EHI + wire ch. in beam + γ -de- tection (+TST) | WA | CERN/SPSC/I 73-31 |
| I 32 | Achons (Demo- crates Univ.), Liverpool, Vienna | H. Muirhead | \bar{p} ; 50 + 100 GeV/c | BBBC (H ₂) (+EHI) | WA See P. 13 | CERN/SPSC/I 73-32 |
| I 33 | IPN Orsay | T. Willits | $\pi^- p + \pi^0 n$; 10, 25 and 50 GeV/c | Frozen spin polar. target + n-detector + γ -detectors | WA | CERN/SPSC/I 73-33 |

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|------|--|--------------------------------------|--|---|---------------------|-------------------|
| I 34 | Oxford | A.M. Segar | Search for heavy leptons | W-target spectro-meter with magnetized Fe + drift ch. | NA; beam dump expt. | CERN/SPSC/I 73-34 |
| I 35 | Naples, Padua, Rome-Frascati, Trieste | D. Zanella | External γ -detector for BEBC | MWPC + lead glass counters | WA | CERN/SPSC/I 73-35 |
| I 36 | Milan, Pisa, Rome | L. Foà | Comparative study of hadron fragmentation | Cylindrical chambers around target + forw. spectrometer | NA See P 6 | CERN/SPSC/I 73-36 |
| I 37 | Glasgow | I.S. Hughes | $K^+ p$ -processes at 35 and 65 GeV/c | Omega with MWPC (and downstream χ -counter with wire ch.) | WA | CERN/SPSC/I 73-37 |
| I 38 | Bari, Bonn, CERN, Cambridge, Glasgow, Liverpool, Milan | B.R. French | Meson physics with Omega in RS separated beam | as in 37) | WA | CERN/SPSC/I 73-38 |
| I 39 | Swindon | Y. Ducros, L. van Rossum | Polarization measurements in πp and $K p$ inelastic reactions; elast. scatt. at large momentum transfer | Polarized target large angle detector system + forw. χ -counters | | CERN/SPSC/I 73-39 |
| I 40 | Bonn | K. Böckmann, R. Hartmann, W. Meincke | ν^- and $\bar{\nu}^-$ interactions | BEBC (H2) | WA | CERN/SPSC/I 73-40 |
| I 41 | Prague | J. Sedlak | $\bar{p} p$ interactions at 70-100 GeV/c | BEBC | WA | CERN/SPSC/I 73-41 |

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|------|---|----------------------|--|---|----------------|---|
| I 42 | College de France, Ecole Polytechni- que, Orsay, MPI + Univ. Munich, Saclay | J. Lefrançois | Hadron, electron and photon physics | Multi-particle spectrometer | NA | CERN/SPSC/I 73-42 |
| I 43 | Geneva | M. Martin, C. Nef | Energy dependence of two-body reaction $K^+ p \rightarrow K^{*+} p$ $K^0 \pi^+$ | C-counter + hodo- scope in beam; proton + decay analyser with PWC | WA See P 11 | CERN/SPSC/I 73-43 |
| I 44 | Milan | E. Fiorini | v-physics | Gargamelle | WA | CERN/SPSC/I 73-44 |
| I 45 | Lausanne, Neur- Châtel | E. Jeannet | incident part. + $p \rightarrow \Lambda^0 + \dots$, $K^0 + \dots$, $\Sigma^0 + \dots$, $E^0 + \dots$; fragmentation of proton-target; coherent reactions on He | Stramer chamber "Dardanelle" | | CERN/SPSC/I 73-45 |
| I 46 | Geneva | O. Guisan | Form factor of π 's and K 's | C-counter; form. analyzing system with wire ch (+ shower detector) | NA | CERN/SPSC/I 73-46 |
| I 47 | CERN, MPI Munich | P. Weilhammer | Few body reactions | CERN-Munich spectrometer | WA See P 7 | CERN/SPSC/I 73-47 |
| I 48 | Bristol, South- ampton | S.G.P. Frank | Form factor of π 's | Forward magnetic spectrometer from P 6 | WA | CERN/SPSC/I 73-48 CERN/SPSC/74-65/ I 48/A55.1 |
| I 49 | Oxford | N.E. Booth | v-e interactions | 100 modules each with 3 rad. lengths Fe + MWPC layer | | CERN/SPSC/I 73-49 |
| I 50 | Earl/Corn, CERN Liverpool | B.R. French | Study of high P_t^- events and resonance physics | Multiparticle spec- trometer with MWPC + 2 Morpurgo magnets. | WA See P 4 | CERN/SPSC/I 73-50 |

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| Polytechnique | Y. Brisson | v-physics | BEBC (H ₂ ; D ₂) | WA | CERN/SPSC/I 73-51 |
| Illinois Inst. Tech., Urbana | T. Erber | High-energy magnetic Bremsstrahlung | Pulsed megagauss fields | Not recommended by SPSC | CERN/SPSC/I 73-52 |
| CERN | A. Lezardigue | v-physics | GGM, BEBC | WA | CERN/SPSC/I 73-53 |
| CERN | W. Leusch | Reggeon-nucleon scattering | Shower detector (with Omega) | WA | CERN/SPSC/I 73-54 CERN/SPSC/74-51/M 29 |
| CERN | S. Ketti | Hadron fragmentation (30-70 GeV/c) | Magnetic spectrometer in Ω -beam | WA; withdrawn 25.6.1974 | CERN/SPSC/I 73-55 |
| CERN, Bologna, FN, Frascati, SLAC, DESY | A. Tenner | v-physics | BEBC (D ₂) | WA | CERN/SPSC/I 73-56 CERN/SPSC/74-9/ I 50/A33.1 |
| CERN, Stockholm | S. Nilsson | pp-reactions 30-70 GeV/c | BEBC | WA | CERN/SPSC/I 73-57 |
| CERN, Naples | G. Eandiellidi | v-lepton scattering | Scintill. counter + spark chambers | WA | CERN/SPSC/74-1/I 59 |
| CERN | J. von Krosigk/ K. Schultze | v-physics | GGM | WA | CERN/SPSC/74-2/I 59 |

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|--------------------|---------------------------|---|--|---------|--|
| CERN | H. Meyer | v-e scattering | Streamer chamber with CH ₂ plates and scintillation counters. | WA | CERN/SPSC/74-5/I 60 |
| Birmingham | J.D. Dowell | Rare meson systems from K ⁺ p collisions at 16 and 32 GeV/c | Omega (with lever arm for 32 GeV/c) | WA | CERN/SPSC/74-50/I 61 |
| Leningrad, Uppsala | T. Ekolof | Hadronic interactions at very small momentum transfers | Ion chamber spectrometer (recoil) + magnetic spectrometer | WA | CERN/SPSC/74-50/I 62 CERN/SPSC/74-55/X 31 |
| Imperial College | P. Astbury, D. Webster | Measurement of helicity amplitudes in hypercharge exchange between 5 and 12 GeV/c | Magnet spark chamber in shortened S 1 beam | WA | CERN/SPSC/74-57/I 63 |
| Univ. of Michigan | A.D. Krisch | Elastic pp-scattering at high transverse momentum, 200 GeV | Double arm spectrometer | NA | CERN/SPSC/74-68/I 64 |
| MPI Munich | P. Seyboth | Multi-particle hadron physics | Streamer chamber and vertex magnet | NA | CERN/SPSC/74-66/I 65 |