## Program

I Exporciments with Nucleons and $\mu$-Nesons (Chairman-Fais) (10-12 A.1fo)
Proton-Proton Scattering
110 Keve (Raresey-Harvard) ..... 10
240 活ev. (Oxley - Rochester) ..... 5
Disoussion ..... 40
Interaction of Nucleons with Nuclei
Frotom-induced Stars
110 Mov . (Ramsey-Harvard) ..... 5
240 Mave (Farry-- Roohester) ..... 5
385 Mev . (Booth - Columbia) ..... 10
Quasi-blastic scattering (Fanofsicy-Berkeloy) ..... 10
Discussion ..... 15
H-Masons
Fi absorption (Reynolde-Princoton) ..... 5
Rass from rof Decay (Booth-Colmioia) ..... 5
Discussion ..... $-\frac{10}{120}$
II Bxperiments with $\pi$ and $\tau$ Mesons (Chairman-Oppenheiner.) $(2-5$ P.M. $)$
T-Mesons
Angular distribution of $\pi^{+}$in $p-p$ collisions Absorption of $\pi^{-}$in hydrogen and deuterium Discussion ..... 40
Jnteraction of $\pi$-Mesons with nuclei (Bernardini-Columbia) ..... 10
(111son-Corneli) ..... 5
Discussion ..... 15

Minutes
5
Possible eleotron decay (Rainwater-Columisa) 5

Nultiple production
Angular distritbution of herd showars (Bristol worls raported by Shapiro)
High energy mesons in extensive air showers (Greisen-Corneli) 5
Discussion . 35
X-Mosons
$\begin{array}{lr}\text { Mridence for (Rosei-M.I.T.) } & 5 \\ \text { Evidence for (Nanchester work reportad by Shapiro) } & 5 \\ \text { Discussion } & \frac{10}{180}\end{array}$

III Sxperiments with Photons and B1eotrons (Chairmen-Bethe) (7:30-9:30 Pouo)
Meson Production by Photone
Ther
$\pi / \pi$ ratio (WilsonwCornell) $\quad 5$
$\pi^{\circ}$ production in hydrogen (Panofsky-Berikeley) 15
Disousaion 30
Photon Interaction with Nuclei
Stars (Kikueht-Corneli) 10
Discussion 5
Eleotromapnotio effeots
Absorption of photons (Delire-Gornell) 10
Bremsstrahlung of oleotrons (DeWirc-Comall) 5
(Koret-Tl2inots) 5
Tridents (Bristol work reported by Shapico) 10
$\begin{array}{ll}\text { Discussion } & 10\end{array}$
Proton Bramsstrahlung (WIIson-Roolestav)

## Rochestar High Enorgy Physi.as Coniosenca

## Program



Discussion
15

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 8r-MysonsH"absorption (Reynolds-Prineston) 5 Wass from $\pi-\mu$ Decay (Booth-Colwibia) 5

Discusaion


II Exporimonts with $\pi$ and $\tau$ Hesuna (Chaixn $n$ nopperhoimer) $(2-5$ P.IN. $)$
$\sqrt{\text { Angular distribution of } \pi^{+} \text {in } p-p \text { oollisions (Panofeky-Berkeley) } 30 ~}$ Absorption of $\pi$ in kydrogen and deuterium

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Discusaion
Minutes
Posaible eleatroz docay (Raimmator-Columbia) 5
Discuses.on ..... 5
Multiplo productionAnguiar distribution of hard showers (Bristol workreported by Shapiro)10
High energy mesons in extersive air showers (Greisen-Cornell) ..... 5
Discusaion ..... 35
Evidence for (Rossi-M.I.T.) ..... 5
Evidenee for (Banchester work roported by Shapiro) ..... 5Discusaion$\frac{10}{180}$

10
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Disoussion Brececher
30
Photon Interaction with Nuolei
Star's (Kileuehi-Corneli) ..... 10
Discussion ..... 5
Eleotrormanetio offoots

Absorption of photons (DeWiremorneli)
Eromsstrahlung of elactrons (DeWire-Corme11) (Korst-111:nois)
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Discussion
Proton Bremetrainfur! (illsom-Rochestm)


