

REPORT OF THE MUON GROUP

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Inelastic muon scattering has emerged as an excellent method of probing hadronic structure. Four proposals have been received to exploit this interaction. Muon beams at NAL will permit extension of this technique to regions of virtual photon mass and energy available nowhere else. The remainder of our report is organized into the following sections:

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| I. Muon Physics: | SS-188 |
| II. Muon and Electromagnetic Interactions at NAL--
A Theorist's View: | SS-189 |
| III. Muon Experiments: | SS-190 |
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A bibliography of previous work is included as Appendix B of SS-191.