Contribution ID: **151** Type: **not specified**

Meson Production in Low Energy e+e- Collisions and Its Applications

Monday 8 September 2014 15:30 (30 minutes)

Experiments on e+e- annihilation into hadrons performed with the CMD-3 and SND detectors at the VEPP-2000 collider in Novosibirsk are described. We report preliminary results on various two-body and multibody final states obtained with the integrated luminosity of 60/pb per detector in the center-of-mass energy range 320 MeV to 2000 MeV. Various applications of these measurements, in particular to the hadronic contribution to the muon anomalous magnetic moment are discussed.

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Session Classification: Parallel III: B10 Light Quarks

Track Classification: Section B: Light Quarks