

1 Abstract

The primary objective of this work is first encounter with the experiment NA62 which is in the process of preparation at European organization for nuclear research, CERN. Preparations and construction of a new experiment is a unique opportunity how to become part of the experimental group, comprehensive understanding of all part and good start for the future physical program. The work has two main parts. The first part involves physical motivation and possible direction of physical program. The second part covers all important experimental sections.