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GlueX detector and physics program

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The GlueX experiment at Jefferson Lab will use a linearly polarized photon beam to explore the light quark meson spectrum, with emphasis on mesons with exotic quantum numbers. These exotic mesons cannot be formed by a simple quark-antiquark pair and could indicate the excitation of gluonic degrees of freedom. The GlueX detector is nearly complete and first beam is expected later in the year. Current detector commissioning efforts will be presented along with an overview of the GlueX physics program.

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