

Abstract for an Invited Paper
for the SES11 Meeting of
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Early History of Jefferson Laboratory¹

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This talk will focus on the history of Jefferson Laboratory from its inception as the NEAL proposal by the Southeastern Universities Research Association (SURA) in 1980, to about 1986 – two years after the arrival of Hermann Grunder and his Berkeley team. Major themes are (i) a national decision to build a high energy, high duty factor electron accelerator for basic nuclear physics research, (ii) open competition established by the DOE, (iii) formation of SURA, and (iv) interest of SURA physicists (particularly at UVA and W&M) in this research. I will discuss the scientific, technical, and political issues that eventually lead to the selection of the SURA proposal, the choice of Newport News as the site, and the decision to adopt a recirculating superconducting ring for the final design.

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