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The Rare Isotope Breeder Upgrade to ATLAS at Argonne National Laboratory P.F. BERTONE, F. BUCHINGER, S. CALDWELL, A. CHAUDHURI, P. CHOWDHURY, J.A. CLARK, J.E. CRAWFORD, A.Y. DEO, J.P. GREENE, S. GULICK, F.G. KONDEV, S. LAKSHMI, D. LASCAR, A.F. LEVAND, G. LI, C.J. LISTER, C. NAIR, R.C. PARDO, G. SAVARD, K.S. SHARMA, M. STERNBERG, T. SUN, J. VAN SCHELT, R. VONDRASEK, B.J. ZABRANSKY — The CAlifornium Rare Isotope Breeder Upgrade (CARIBU) to the Argonne Tandem-Linac Accelerator System (ATLAS) represents a highly novel approach to producing radioactive ion beams (RIBs) for nuclear physics studies. There are currently only two RIB facilities in the US. When commissioned, CARIBU will provide many exciting new opportunities to extend basic science knowledge as well as yielding valuable data for applications. The presentation will provide a brief overview of the physics goals for the facility, the suite of experimental apparatus, and current status.

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