

Abstract Submitted  
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**Electrostatic trapping of ultracold NaCs molecules** JAN KLEINERT, CHRIS HAIMBERGER, PATRICK ZABAWA, NICHOLAS BIGELOW, University of Rochester — We present an electrostatic trap for ultracold polar molecules. As the molecules are created inside the trap via photoassociation, a continuous accumulation of polar molecules is straightforward. Careful choice of experimental parameters allows detection of specific rovibrational states.

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