24 Jerden's Lane
Rockport, MA 01966
Collaborative Learning Innovation Complex(CLIC)
574 Boston Avenue
Medford, MA 02155

Abstract Submitted

for the NEF15 Meeting of The American Physical Society

Getting WiSE – Workshops in Space Exploration – A Prospectus¹ WILLIAM WALLER, Rockport Public Schools (MA), DANILO MARCHESINI, Tufts University — Earth and space science encompasses everything under the Sun – and goes beyond – to probe the farthest reaches of the cosmos. Science educators can benefit from their students' natural interest in space by becoming more familiar with the discoveries astronomers have made regarding the content, structure, and 13.8 billion-year history of the universe. Towards these ends, Drs. Waller and Marchesini have created three week-long workshops in space exploration, whereby teachers can engage in a wide range of learning activities on the subjects of 1.) Exploring our Solar System – A Beginner's Guide, 2.) Exploring the Milky Way – An Insider's Guide, and 3.) Exploring our Universe – A Spacetime Traveler's Guide. These workshops will take place at Tufts University in July. PDPs will be provided. In his brief presentation, Bill Waller will introduce the scope and sequence of the three workshops and will solicit input on the scheduling details.

¹D. Marchesini acknowledges support from the NSF through program (NSF-1513473). W. Waller acknowledges support from the MA Space Grant Consortium.

> William Waller Rockport Public Schools (MA)

Date submitted: 17 Oct 2015

Electronic form version 1.4