

1125-G1-706

Randall E. Cone* (recone@salisbury.edu), 128 Henson Hall, Salisbury University, Salisbury, MD 21801. *Pushing Symbols: IBL in Mathematics and Computer Science.*

At some universities and colleges, mathematics and computer science (CS) programs are co-located within the same department. One benefit of such co-location is the possibility that mathematics faculty sometimes (regularly) teach computer science courses, especially if those faculty have a background in the subject. Does IBL naturally cross the disciplinary boundary from mathematics to computer science? Our experience in this indicates a resounding ‘yes!’ which, in this presentation, we support with a discussion of using IBL in a variety of CS courses, including: Scientific Programming (in Python), Theory of Computation, and High-Performance Computing. (Received September 09, 2016)