



BROWN

BrownOut: Engineering Educational Outreach Classroom Visits Program



J. Blume, Division of Engineering, Brown University, supported by NSF DMR-0520651

Brown undergraduates and faculty visit local science/math classes or youth programs to present engineering topics to students in Grades K-12. Presentations are developed by students and faculty based on current research or topics covered in the Brown curriculum. Over 4000 students have been exposed to these presentations since 2000. The presentations include interactive demonstrations, lesson plans, and materials.



New Presentations 2006-2007
•Freezing Point Depression/Ice Cream
•Slinkies to Star Wars: Light as a Wave
•Energy and Entropy
•Science of Magic
•Game Theory
•The Physics of Flight
•Astronomy
•Aquatic Biology
•Compression & Tension
•Formula One Car Design
•Engineers Without Borders

