

# Teaching Programming to Mathematical Scientists

Robert Corless and Eunice Chan

Ontario Research Center for Computer Algebra, Western  
University

## **Abstract:**

We have experience teaching Computational Mathematics to first-year undergraduate and graduate mathematics students. In this talk, we recount our experience teaching an experimental mathematics course using a blended-classroom approach. We talk about methods we used (and only possible due to the blended-classroom approach) to help students overcome challenges that are typically presented when learning programming. Through this “experimental” course, we also found that students’ mathematical notions were strengthened by programming.