

**NORTHEASTERN SECTION OF THE MAA**  
**FALL MEETING: November 22 – 23, 2002**  
**FRAMINGHAM STATE COLLEGE, FRAMINGHAM, MASSACHUSETTS**  
**THEME: Changing Face of Mathematics – A Mathematics Sampler**  
**Program Chair: Sarah L. Mabrouk, Framingham State College**  
**Local Arrangements: Sarah L. Mabrouk**  
**(see page 14 for pre-conference Project NExT Activities)**  
**(Map of Framingham State Campus is on page 34)**

Friday, November 22, 2002

2:30 – 6:00 p.m.	Registration . . . . . Lobby of Athletic and Recreation Center next to Dwight Hall
2:30 – 3:30 p.m.	Executive Committee Meeting . . . VIP Room D. Justin McCarthy College Center
3:00 – 3:50 p.m.	Ray Griffin, Framingham State College . . . . . Dwight Auditorium <b>“Mission Mathematics: Linking Aerospace and the NCTM Standards”</b>
4:00 – 4:50 p.m.	Laura L. Kelleher, Massachusetts Maritime Academy . . . . . Dwight Auditorium 2002 NES/MAA Distinguished Teacher Award Winner <b>“Discrete Mathematics in the Schools”</b>
5:00 – 5:50 p.m.	◆ Student Papers . . . Hemenway Hall 212  ◆ Jeff A. Libby, United States Military Academy. . . . .Hemenway Hall 208 Bart D. Stewart, United States Military Academy Workshop*: <b>“Promoting Visual Cues with ‘EXCEL’ent Tools”</b>
6:00 – 6:40 p.m.	Reception with cash bar and hors d’oeuvres Hosted by the Development and Alumni Relations Office, Framingham State College McCarthy’s, D. Justin McCarthy College Center
6:45 – 8:00 p.m.	Banquet . . . . . . Forum, D. Justin McCarthy College

Center  
 8:00 – 8:10 p.m. Opening Remarks . . . . . Dwight Auditorium  
 8:10 – 9:00 p.m. **Christie Lecture:** Carl Pomerance, Bell Laboratories . . . . . Dwight Auditorium **“Primal Screens”**  
 9:00 – 9:30 p.m. Coffee and Dessert Reception . . . . . 42  
 Adams Road  
 Hosted by The Alumni Association,  
 Framingham State College

**Saturday, November 23, 2002**

8:00 a.m. – Noon Registration . . . . . Lobby of Athletic and Recreation Center next to Dwight Hall  
 8:00 – 8:50 a.m. New Colleagues Talks . Dwight Auditorium  
 9:00 – 9:50 a.m. Dorothy Wallace, Dartmouth College . . . . . Dwight Auditorium  
**“Sharing Uncommon Ground: How Will The Case For Numeracy Affect The Mathematics Community”**  
 9:00 – 10:30 a.m. Mary Ann Connors, Westfield State College  
 Workshop\*: **“Statistics With The TI-83 Plus (TI-83 Plus Silver Edition)..Hemingway 307**  
 10:00 – 10:30 a.m. Break . . . . . Lobby of Athletic and Recreation Center next to Dwight Hall  
 10:30 – 11:20 a.m. Emma Previato, Institute For Advanced Study . . . . . Dwight Auditorium  
**“Algebra, Geometry And Physics: The Dynamics Of Adding And Multiplying”**  
 11:30 – 12:00 p.m. Business Meeting . . . . . Dwight Auditorium  
 12:00 – 1:00 p.m. Lunch. . . . . Forum, D. Justin McCarthy College Center

1:00 – 1:50 p.m.	Thomas Koshy, Framingham State College . . . . . Dwight Auditorium “Fibonacci, Lucas, and Graphs”
2:00 – 2:50 p.m.	Gilbert Strang, Massachusetts Institute of Technology . . . . . Dwight Auditorium “Pascal Matrices”
3:00 – 4:30 p.m.	<ul style="list-style-type: none"> <li>◆ Bonnie Gold, Monmouth University . . . . . Dwight Auditorium Workshop: “<b>Assessment Of Student Learning In Undergraduate Mathematics</b>”</li> <li>◆ Mary Ann Connors, Westfield State College. . . . . Hemenway Hall 307 Workshop*: “<b>Calculus With The TI-89/TI-92 Plus/Voyage 200</b>”</li> <li>◆ John Lutts, University of Massachusetts – Boston . . . . . Hemenway Hall 208 Workshop*: “<b>The Geometer’s SketchPad (GSP4): A Tool For Exploration, Conjecture and Experiment in High School Geometry</b>”</li> </ul>
3:00 – 3:40 p.m.	Student Panel Discussion . . . . . Hemenway Hall 212 “ <b>What Can I Do With A Mathematics Major?</b> ”
3:45 – 4:30 p.m.	Student Panel Discussion . . . . . Hemenway Hall 212 “ <b>Why Should I Go To Graduate School?</b> ”
4:30 – 5:30 p.m.	Contributed Papers. . . . . Hemenway Hall 115

\*Enrollment for technology workshops is limited to 25 each. Please contact Sarah Mabrouk, Framingham State College, by email, [smabrouk@frc.mass.edu](mailto:smabrouk@frc.mass.edu), or by phone, (508)626-4785, to pre-register.