Loyola College–The Small Jesuit Liberal Arts College and CS
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- Teaching Focus, Private school
- About 3,200 students
  - Primarily from New York Area
  - CS has highest percent of commuters
- About 28 undergrad CS majors
- About 25% of undergrad CS degrees to women
Loyola: CS1 course

• One 4 credit intro CS course: Intro to Java Programming

• Lectures & hands-on, supervised, pair-programming labs
Loyola: PLTL

- Loyola PLTL students take the course plus 2 hours per week 1 credit peer-led team learning course
- In the Fall of 2006, three team leaders and 8 CS1 students
Loyola: PLTL

- Multiple team leaders allowed them to ‘cover each other weaknesses’
- Same three team leaders as 2005
- Gave team leaders opportunity to grow by
  - generating exercises
  - taking greater classroom responsibility
Loyola: CS1 relation to PLTL

• Exercises closely tied to course content (a student preference)
• Exercises designed to enhance understanding of CS and generate community
Does PLTL increase number of women & minorities who continue in CS?

- 33% of non PLTL students are in CS2
- 50% of PLTL students are in CS2
  - (half women)
Evaluation

• Highly favorable assessment of peer-led sessions and the peer leaders
• All would recommend the course to a friend
• 76% of the non-participants and all participants found value in the lab and in working individually with the instructor
Open Questions
(same as last year 😞)

- Recruitment: How to attract students not in CS1 to CS1 and to Loyola
  - Letters sent to prospective students who have been accepted to the College
  - Plug made at summer registration for core advisors to mention PLTL section