

Questions on PER and RASC

These papers summarize two major projects coming out of my lab. I would like you to read them with a critical eye, as you have with many other works we have looked at.

1. Which of the two works do you find more compelling from an educational view, the summer robotic autonomy course or the personal exploration rover installations?

Motivate your answer as to what leads you to choose which one is a clearer demonstration of technology education.

2. An argument frequently used against evaluations of any class such as RASC is that, in fact, no matter *what* the curriculum was and how much of a role robots had in the curriculum, the issue is that even with no such role, any course in which you had good teachers paying careful attention to students for weeks, the students would show great learning results. Thus it's the people-interaction and not the technological context. I want you to suggest how and why this may not be the whole story. Explain what role you believe the technology can play. How can it make a real difference what technology context one chooses to use?