

Timothy Caldwell

Graduate Institution: Northwestern University

Graduate Discipline: Control Systems

Hometown: Evergreen, CO

Relevant SC Research: Advanced Scientific Computing Research



Research Interest:

My research interests lie in optimal controls. I work on switched system optimization with an emphasis on efficient execution. A switched system is one that evolves over a set of continuous modes and transitions between the modes in a discrete manner.

I am interested in applying switched system optimization algorithms for estimating line failures of a power grid.

climbable rocks are essentially nonexistent in the flattest area in the US. I also enjoy playing soccer and ultimate Frisbee.

About Me:

I received my Bachelor's and Master's degrees from the University of Colorado, Boulder and am currently a PhD student at Northwestern University. I plan to graduating Spring of 2013.

I enjoy teaching. The past year I worked with a local high school's VEX robotics team.

I'm an avid rock climber, which is difficult in Chicago. Not surprisingly,



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