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SANTA BARBARA • SANTA CRUZ

COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING

BERKELEY, CALIFORNIA 94720-1740

J. Karl Hedrick, Professor
5104 Etcheverry Hall

September 19, 2015

Organizing Committee
2015 Dynamic Systems and Control Conference
Columbus, Ohio

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Dear Organizers,

This letter is to confirm that Liu, Chang is a PhD student under my supervision. Mr. Chang Liu is the primary author of the paper "Model Predictive Control-Based Probabilistic Search Method For Autonomous Ground Robot In A Dynamic Environment" and he will travel to the 2015 Dynamic Systems and Control Conference to present his/her work. We kindly request support in the amount of \$ 1500 to defray some of the travel expenses that the student will incur, as indicated in the Online Application.

Thank you for your consideration.

Sincerely,

A handwritten signature in dark ink, reading "J. Karl Hedrick". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

J. Karl Hedrick, Professor
James Marshall Wells Academic Chair
Department of Mechanical Engineering