

Felix Pasila

From: ROMANSY 2012 [romansy2012@easychair.org]
Sent: 06 April 2012 18:46
To: Felix Pasila
Subject: ROMANSY 2012 notification for paper 34

Dear Felix Pasila,

It is our pleasure to inform you that the contribution referenced above, for which you are listed as the corresponding author, has been accepted for the publication in the Proceedings of 19th CISM-IFTOMM Symposium on Robot Design, Dynamics, and Control (RoManSy), June 12-15, 2012, Paris, France.

Please see the reviewer comments and prepare the final version of your paper taking in due consideration the comments and suggestions of the reviewer. Your final version might have to be checked to ensure that the critical comments were addressed and the recommended changes were made. No additional feedback nor chances for further modifications will be available after your final submission.

Accepted papers are limited to eight (8) pages and the provided template must be ** strictly respected ** (<http://www.springer.com/engineering/robotics/book/978-3-7091-0276-3>).

Electronic submission of the final version of your manuscript is strictly due by ** April 20, 2012 ** through the submission web site:
<http://www.easychair.org/conferences/?conf=romansy2012>

Congratulations on this fine achievement! We look forward to welcoming you in Paris in June 2012.

Sincerely,
Philippe Bidaud, program committee chair Oussama Khatib, program committee chair Vincent Padois, local organizing committee member

----- REVIEW 1 -----

PAPER: 34

TITLE: Inverse Static Analysis of Massive Parallel Arrays of Three-State Actuators via Artificial Intelligence

AUTHORS: Felix Pasila, Rocco Vertechy, Giovanni Berselli and Vincenzo Parenti Castelli

The paper considers discrete state manipulators driven by three-state force generators. A common crank is actuated by eight equally distributed parallel generators. Please provide engineering details of the three-state force generators.

The resulting torque is found by minimization of an error function. Five different inverse static analysis models are compared where the ERNN model is most suitable for real time applications.