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## CALL FOR PAPERS

2nd ICAPS Workshop on Model Checking and Automated Planning

<http://icaps15.icaps-conference.org/>

Jerusalem, Israel, June 7/8, 2015

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There has been a lot of work on the exchanges between the two areas of model checking and planning. From a high level perspective, model checking and planning are closely related. (found by a planning system) correspond to error traces (found by a model checker). For example, finding violations of properties that can be checked by a model checker can be achieved by finding goal states in a corresponding planning problem. Thus, if a plan is found by a planning system, it corresponds to a model checker error trace. This link can be exploited also in the other way around, using a model checker to find violations of properties, and stopping the search when a goal state is found. This workshop focuses on hybrid-system falsification and motion planning as well as on the use of state-of-the-art motion planners as the starting point for model checking of hybrid systems.

The purpose of the workshop is to continue to promote a cross-fertilization between model checking, verification, incrementing the synergy between the two areas. The workshop will be discussing what can be shared in terms of techniques, tools, and results.

### Topics of Interest

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Topics of interest include - but are not limited to - the following:

- \* Planning as model checking