Application number:\_210/17\_

PI1:\_Roni Stern\_

**Parallel Submission:**

**All ongoing competitive grants and pending applications of the PIs**

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| Approved/Expected budget (total $ per project) | Funding period | Title | Funding agency | Pending application/ Ongoing grant | PI's Name | |
| 258,000 ILS | 5.2016-4.2018 | Integration of heuristic search and compilation-based techniques for multi-agent path-finding | Ministry of Science, Technology and Space (MOST) | Ongoing grant | Roni Stern, Pavel Surynek, and Ariel Felner | |
| If there is relevance to the current submission, please specify the differences.  Deals with integrating SAT-encoding and search heuristics to the specific multi-agent path finding problem. There is no overlap in the research topics, as the ISF proposal is for general multi-agent planning, which is significantly different (allowing also positive interactions between the agents, and where the is no individual goals for the agent but a joint one). Also, a major theme in the ISF proposal is to allow deferring handling interactions to execution which is not discussed in the MOST grant. | | | | | |