

Progress Report for TG-AST120060 "Magnetic Towers and Binary-Formed Disks"

Martín Huarte-Espinosa, Adam Frank, Jason Nordhaus,
Baowei Liu, Jonathan J. Carroll-Nellenback

September 23, 2013

1 Summary of Scientific Discoveries

2 Accomplishments of Computational Plan

2.1 Usage

Kraken usage: Table 1 and Stampede usage: Table 2

2.2 Achievements of the Computation Plan

3 Publications and Reports that Result from XSEDE support

Table 1: Usage of Allocation TG-AST120060 on Kraken

User	Sus Consumed	Ratio	Project
ehansen	713658.36	62.70%	Pulsed Jet
bliu	240,174.13	21.10%	Debug & Shocks
shuleli	184,401.51	16.20%	Shocks & Triggered Star Formation

Table 2: Usage of Allocation TG-AST120060 on Stampede

User	Sus Consumed	Ratio	Project
shuleli	305622.3	73.5%	Shocks
bliu	63985.61	15.3%	Debug & 2.5D Pulsed Jets
smurugan	46392.09	11.2%	Jets