

Abstract Submitted
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Georgia College Raspberry Busch TAYLOR O. HUFFINGTON,
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FRANCE III, Georgia College — The Georgia College Raspberry Busch (GCRB) is
an inexpensive solution to our computational Astronomical needs. The Raspberry
Pi 2B is a 35 dollar computer not much larger than a credit card. Each unit Pi has
a 1 GHz quad core ARM CPU, 1GB RAM and a 32GB SD flash memory of wich
4.5GB is occupied by the operating system. Currently the GCRB is a cluster of 8
Raspberry Pis.To expand the system, simply flash a slave image onto a fresh SD
card and assign a new IP address. We plan to present benchmarks.The GCRB will
be used to process astronomical data.

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