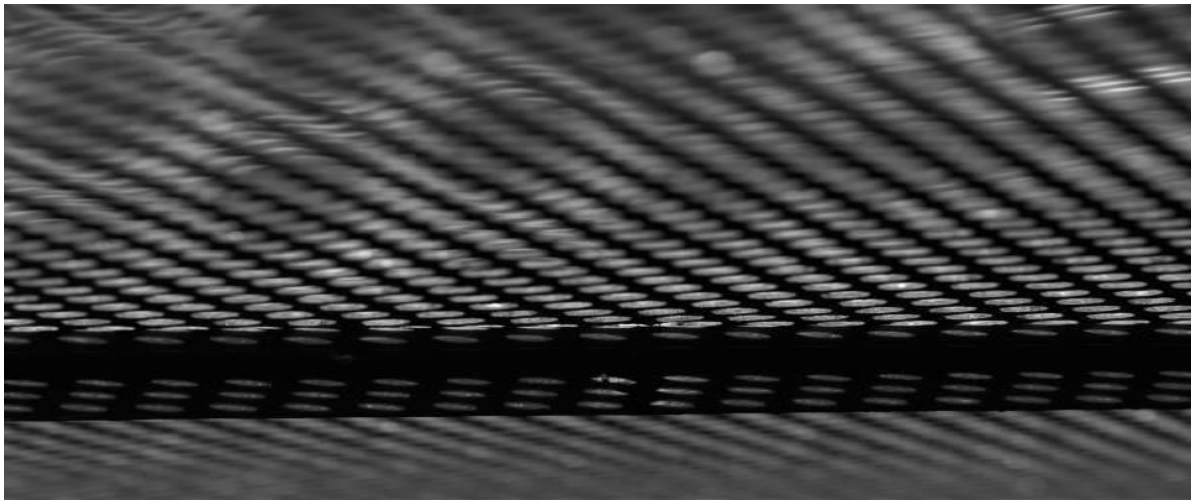

GACRC-AC Meeting – Jan. 17, 2014

Dr. Guy Cormier

Director of Research Computing

THE UNIVERSITY OF GEORGIA

Office of the Vice President for Information Technology

Enterprise Information Technology Services

	Foundation part1	UGA Match	Legacy	Foundation total	NSF portion	Foundation + Hybrid
Total cores:	1,520	3,920	112	5,552	2,112	7,664
Theoretical Teraflops (CPU only):	15.81	40.77	1.16	57.74	21.96	79.71
Compute Nodes:	28	81		109		109
Thin GPU Nodes:					128	128
Fat GPU Nodes:	2	2	4	8	4	12
Number of GPUs:	16	16	32	64	160	224
High-Mem Nodes:	3		2	5		5
total RAM (TB):	5.75	10.38	1.50	17.63	16.50	34.13
total scratch (raw in TB):	140.63			140.63		140.63
total archive (raw in TB):	316.25	632.50		948.75	1,897.50	2,846.25

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	Foundation part1	UGA Match	Foundation total	NSF portion	Foundation + Hybrid
High Mem Nodes:	$48,632.54		$48,632.54	$0.00	$48,632.54
Thin GPU Nodes:				$1,439,234.56	$1,439,234.56
Fat GPU Nodes:	$68,258.12	$68,258.12	$136,516.24	$136,516.24	$273,032.48
IB Nodes:	$174,531.56	$504,894.87	$679,426.43		$679,426.43
Scratch Storage:	$180,084.30		$180,084.30		$180,084.30
Tier-3 Storage:	$62,498.66	$124,997.32	$187,495.98	$374,991.96	$562,487.94
IB Networking:	$137,861.01	$4,389.87	$142,250.88	$166,538.68	$308,789.56
GigE Networking:	$63,652.84		$63,652.84	$49,461.00	$113,113.84
Integration:	$1,791.00	$4,125.00	$5,916.00	$6,642.00	$12,558.00
Scyld:	$45,601.70	$14,158.57	$59,760.27	$18,749.28	$78,509.55
Indirect (UGA):		$8,958.95			
Total Cost:	**$782,911.73**	**$729,782.70**	**$1,494,776.53**	**$2,192,133.72**	**$3,695,869.20**

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Upcoming Steps

- Met yesterday with Procurement
- Single-source or Agency Contract
- Due-diligence on competing offerings
- Story to tell
- CESS, BOR, UGS

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