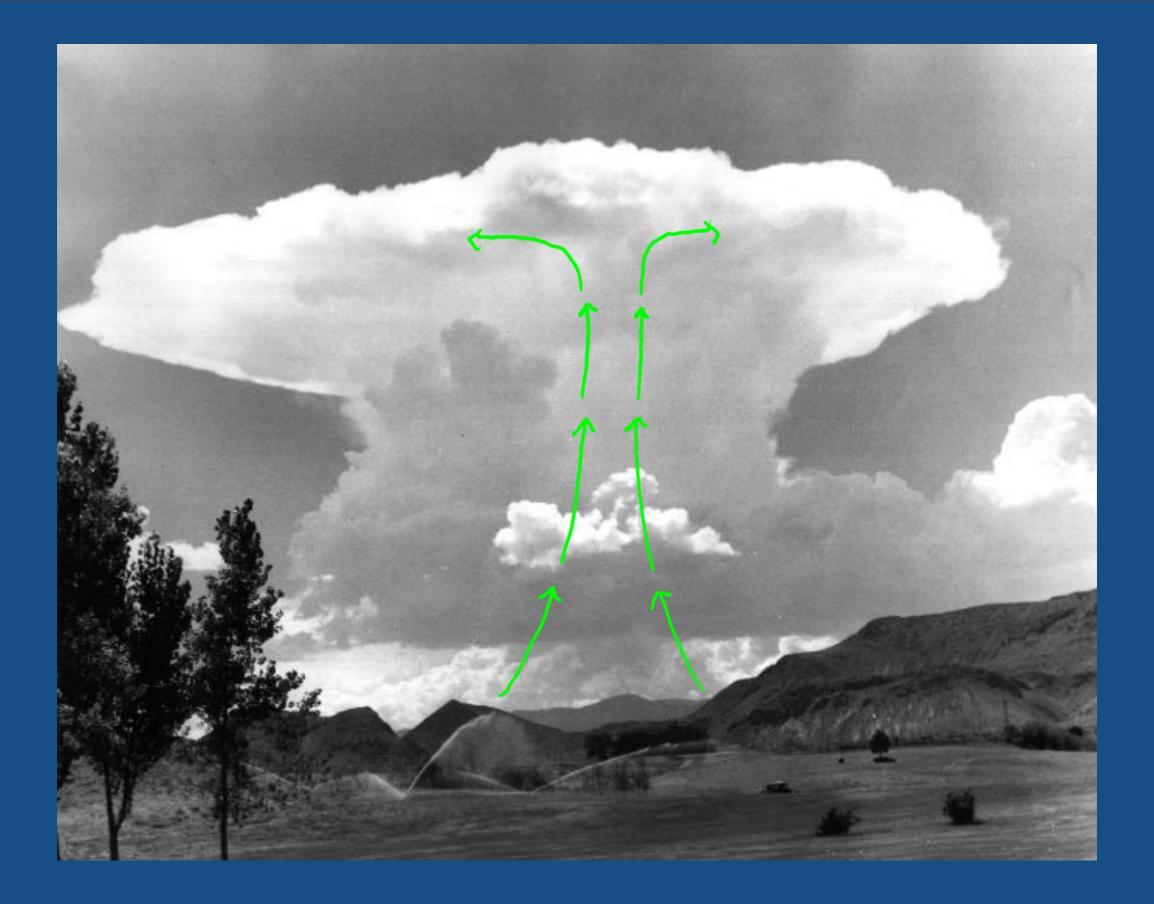
Lightning Interferometry Michael Stock

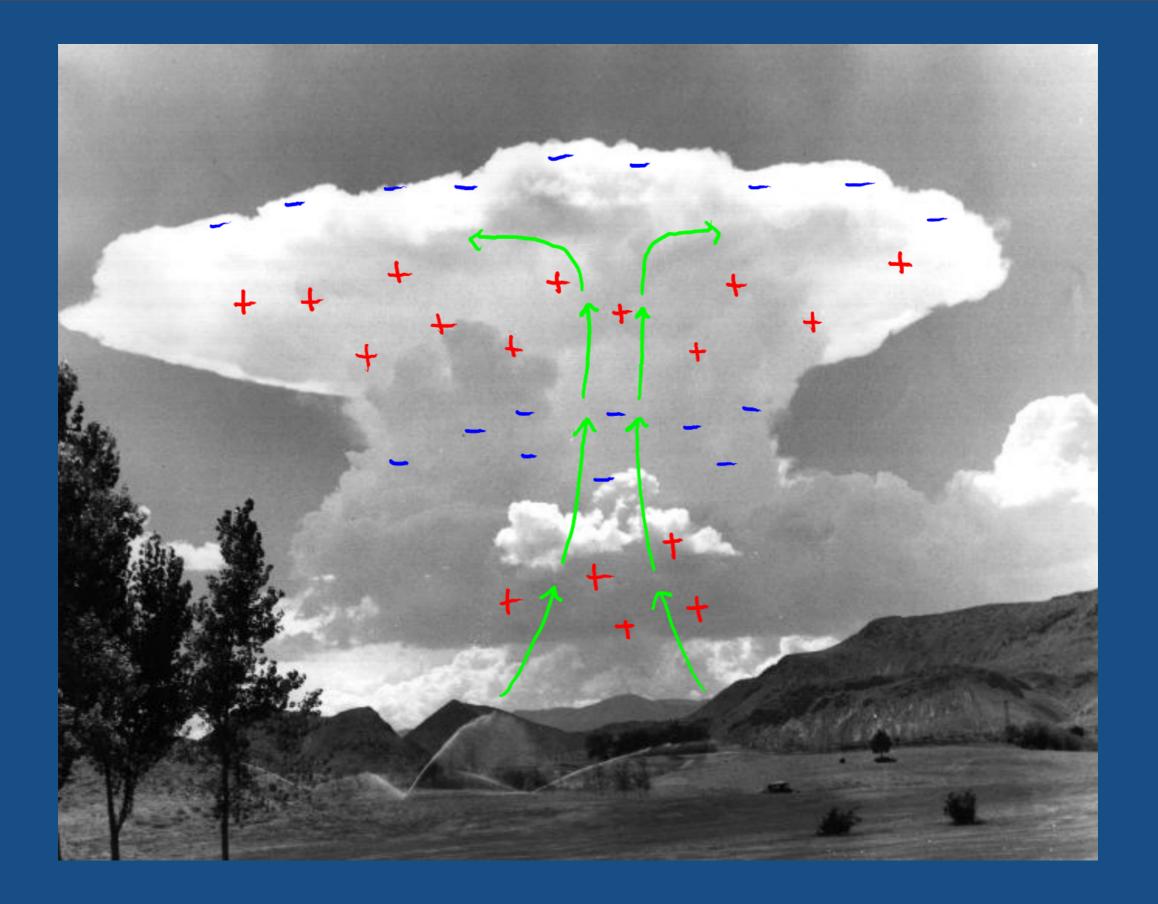




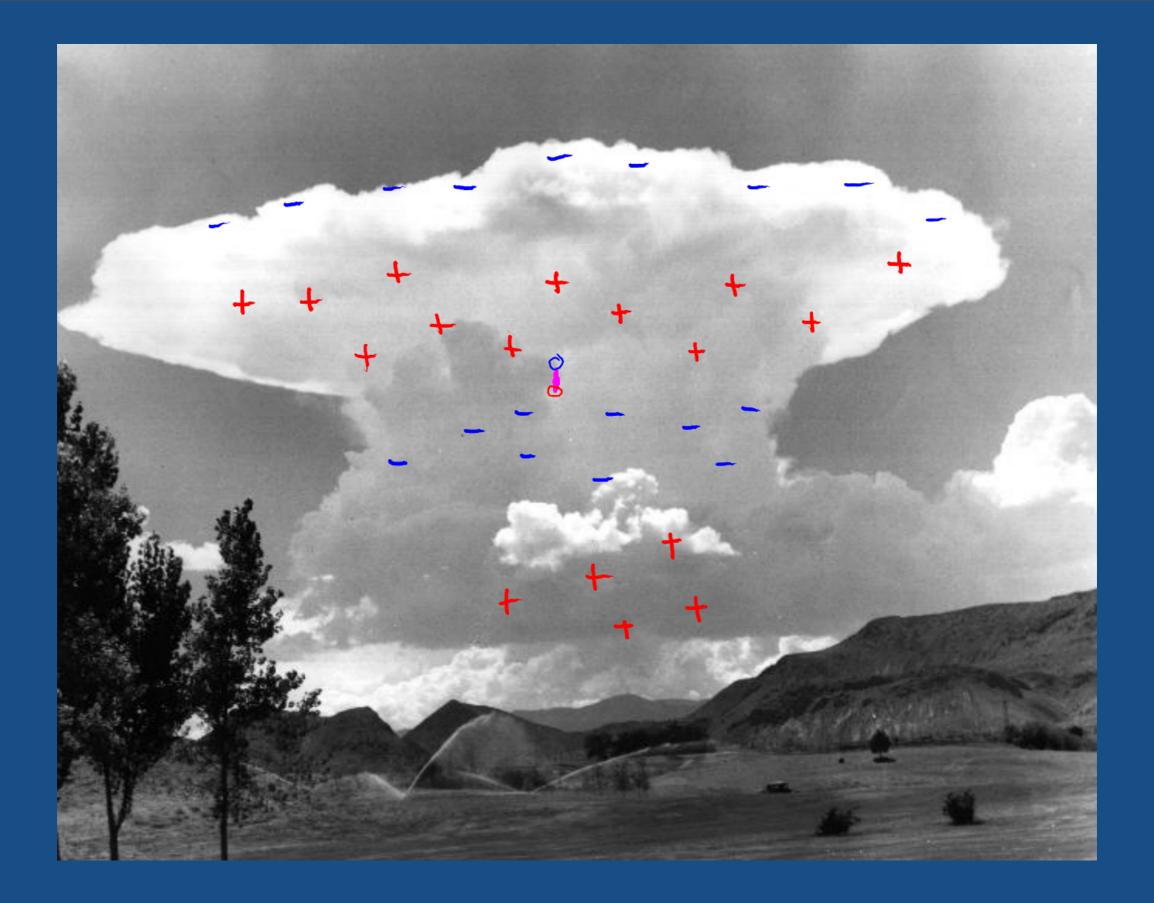




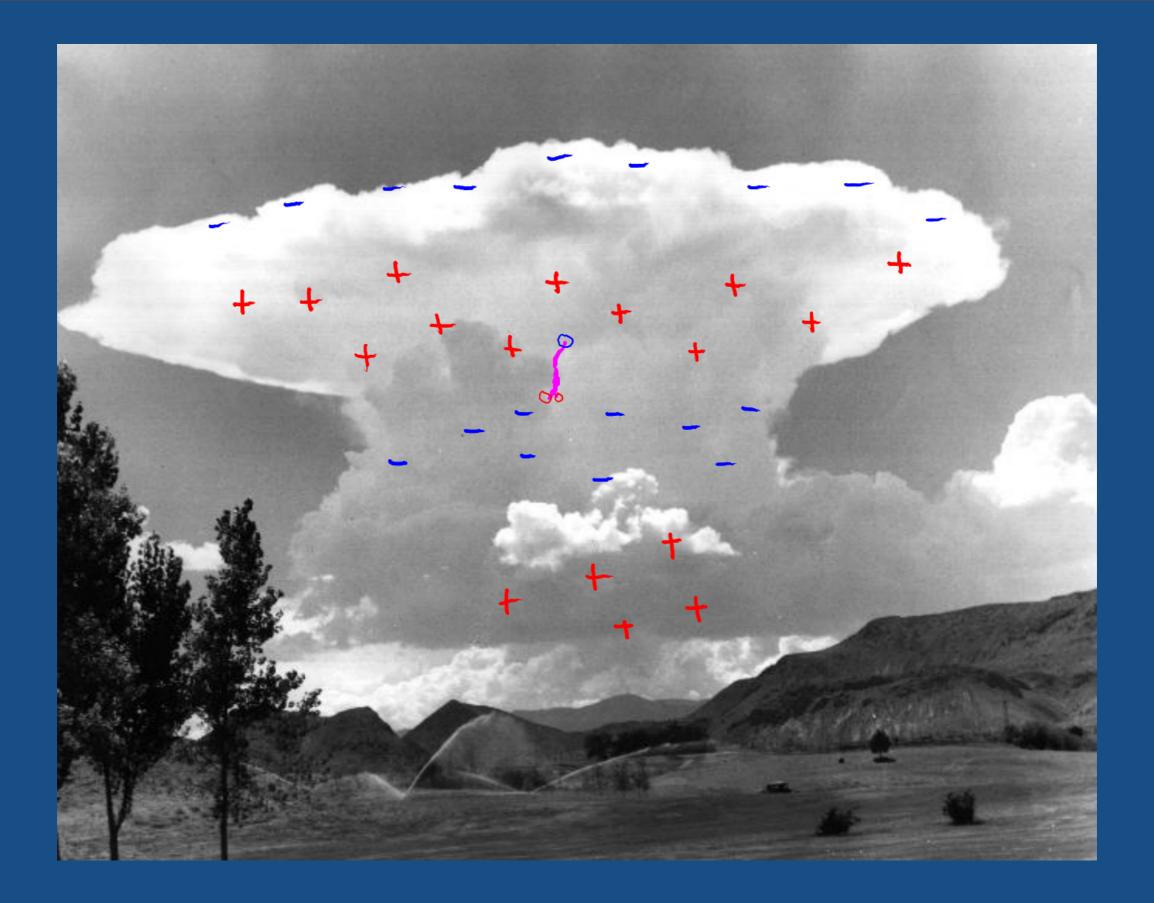




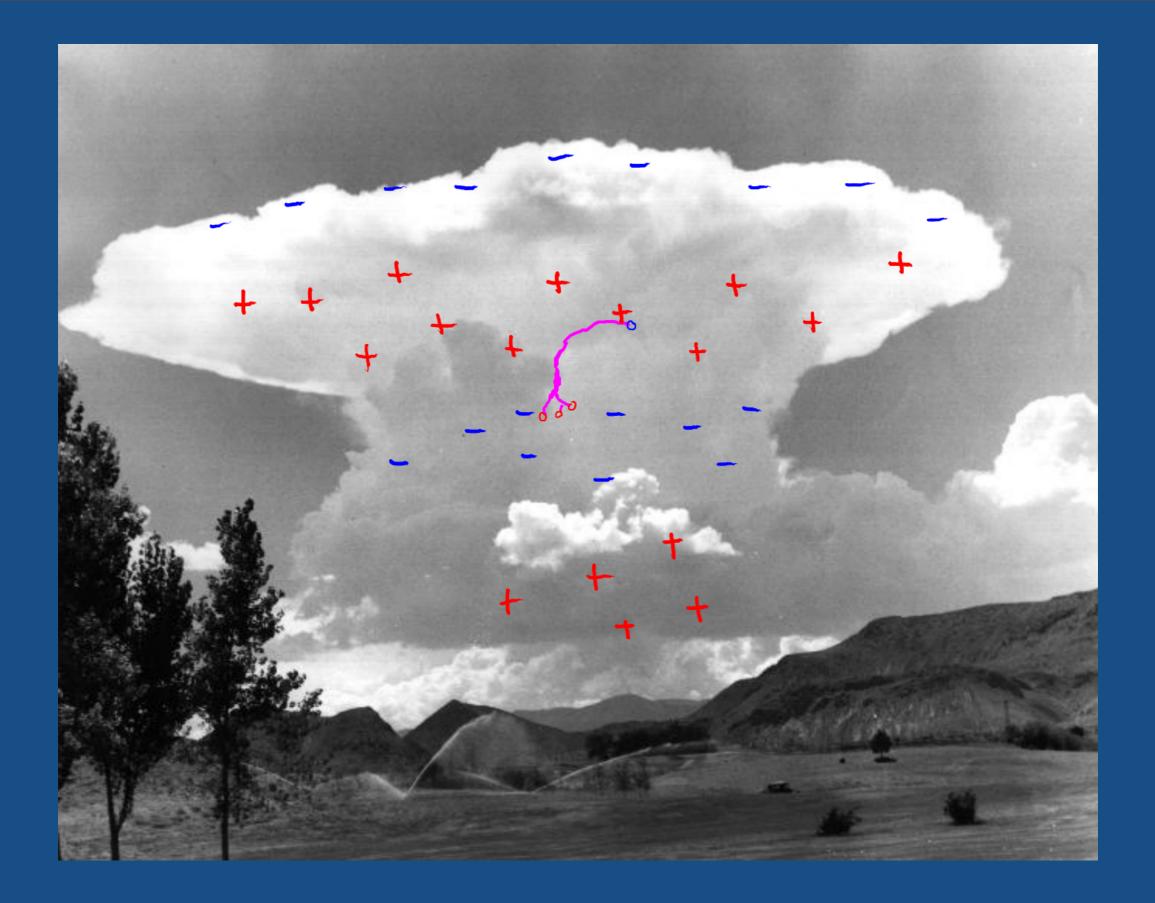




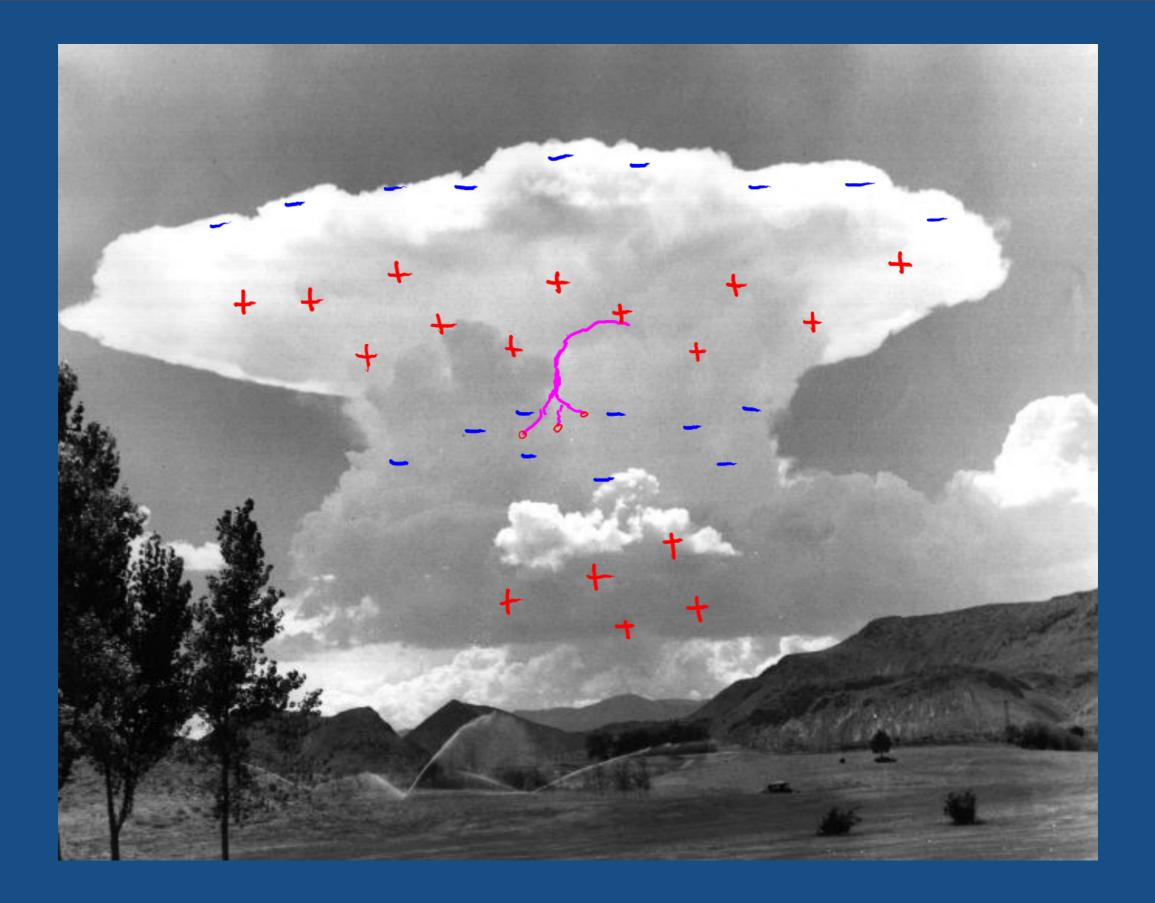




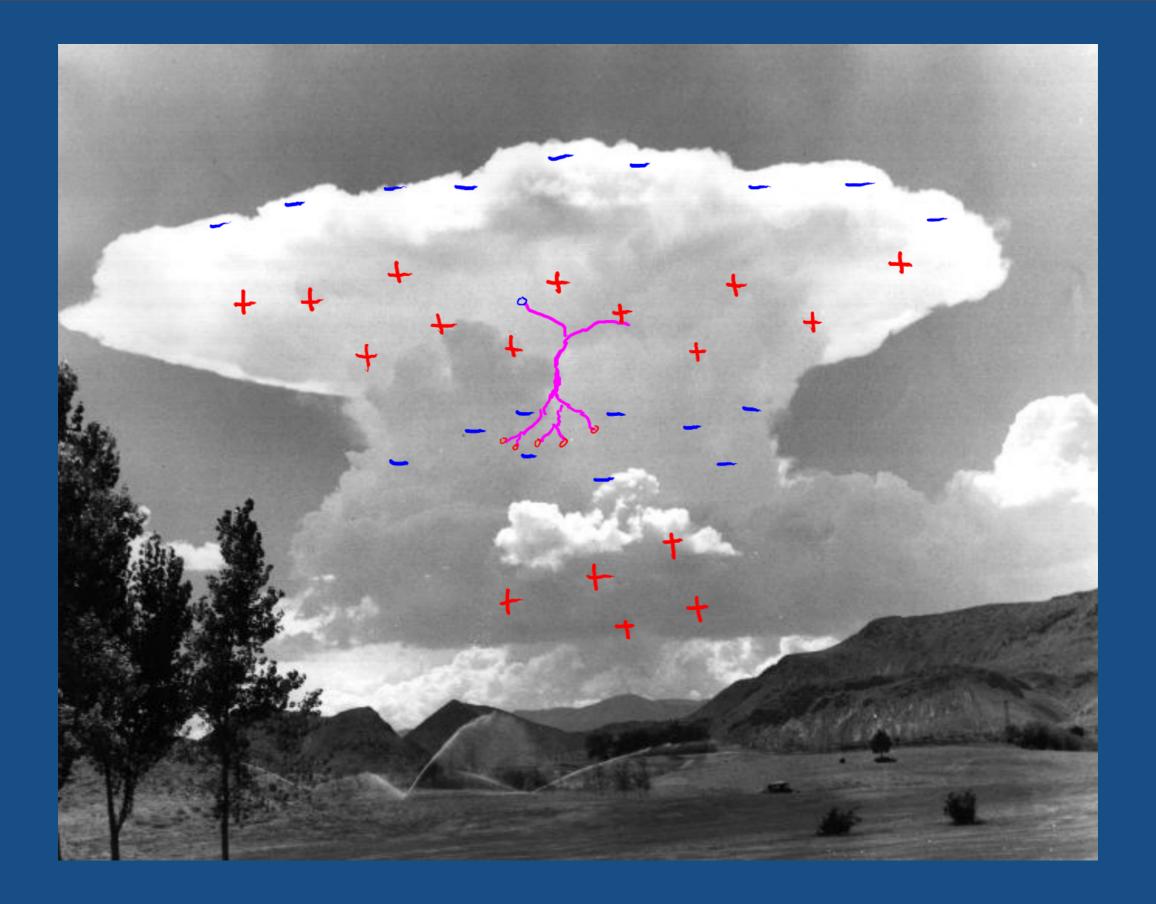




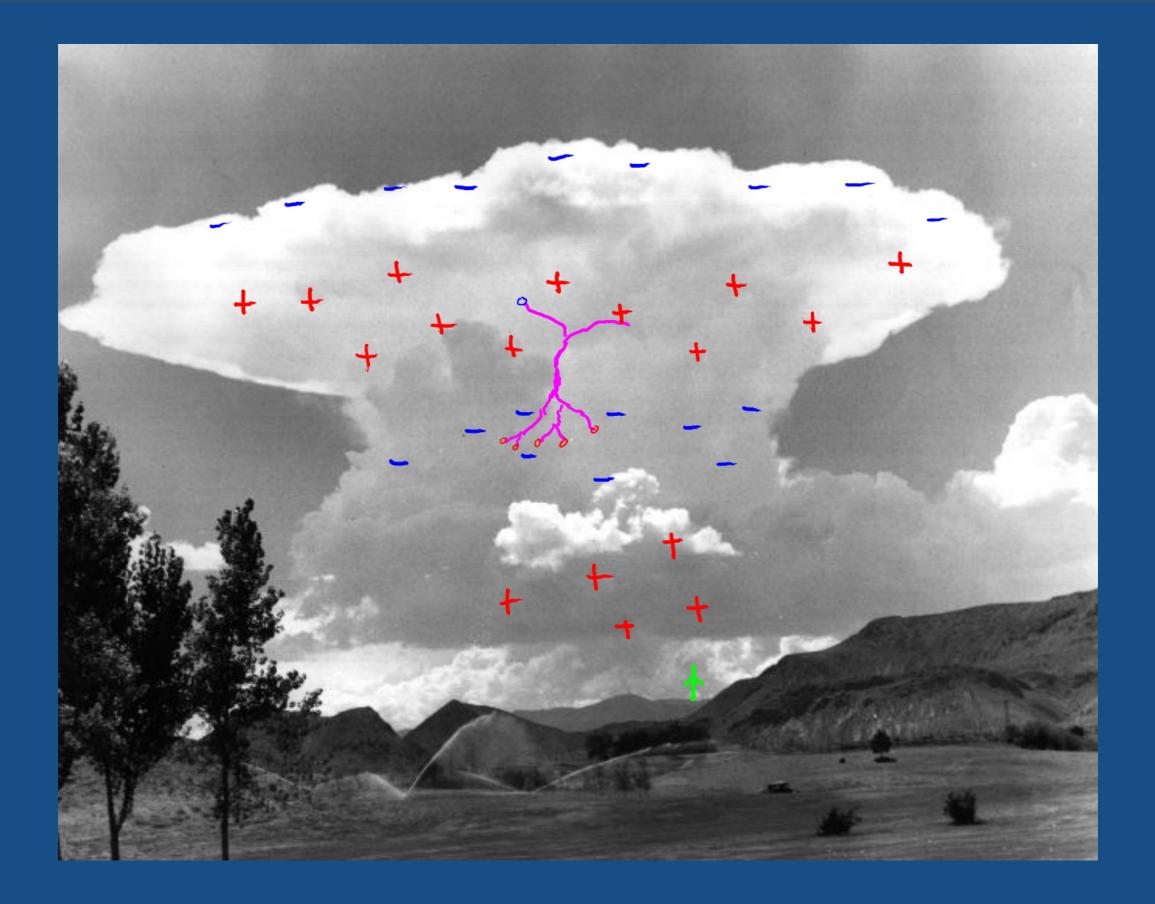




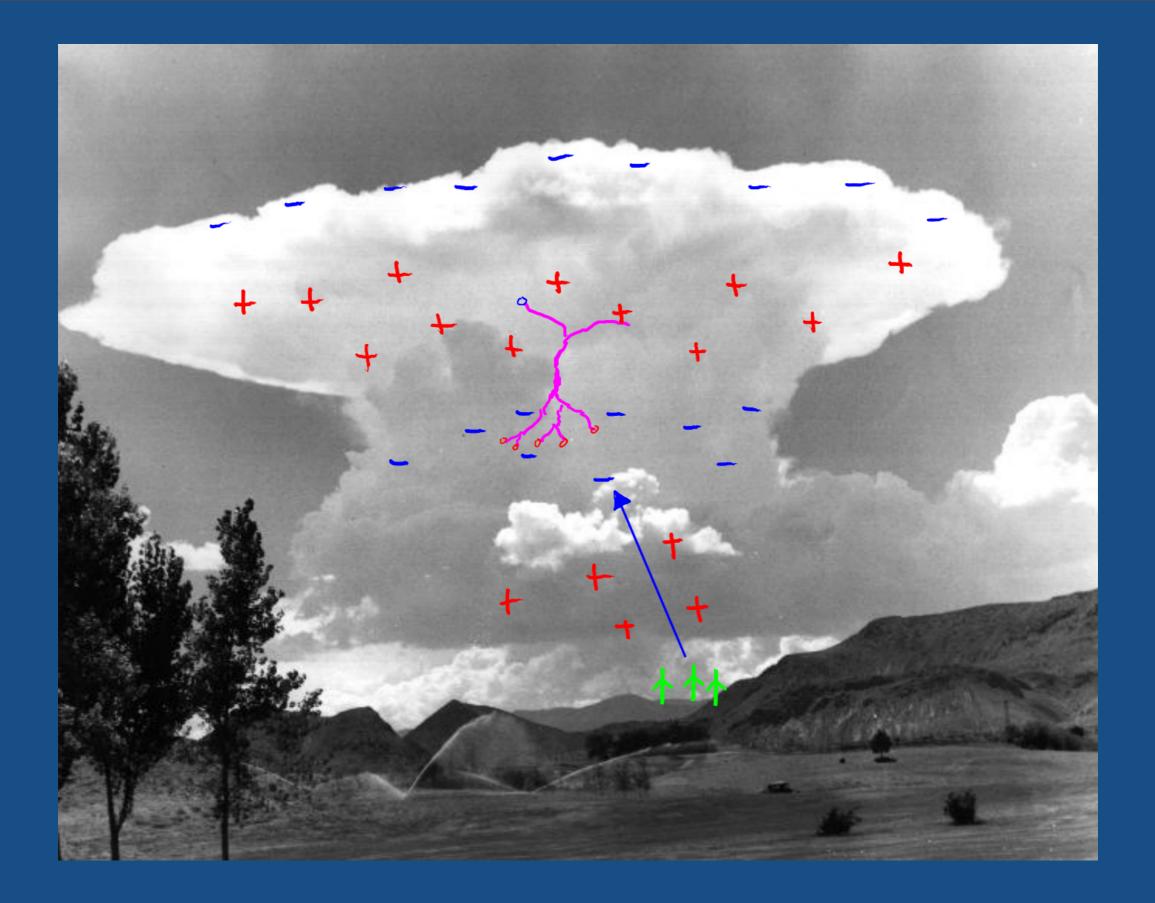
















4 Antennas, 15 m baselines
20-80 MHz band
Continuous Recording
< 1 micro-second timing resolution
~ 1 degree angular uncertainty
20 km range





Interferometer



4 Antennas, 15 m baselines
20-80 MHz band
Continuous Recording
< 1 micro-second timing resolution
~ 1 degree angular uncertainty
20 km range





Interferometer

	LWA	LLI
Total Bandwidth	10-90 MHz	20-80 MHz
Channel Bandwidth	100 kHz	60 MHz
Time Resolution	160 us	0.3 us
Antennas	256	4
Aperture	100 m	I5 m
Angular Resolution	~I deg	~20 deg
Angular Uncertainty	??	~l deg





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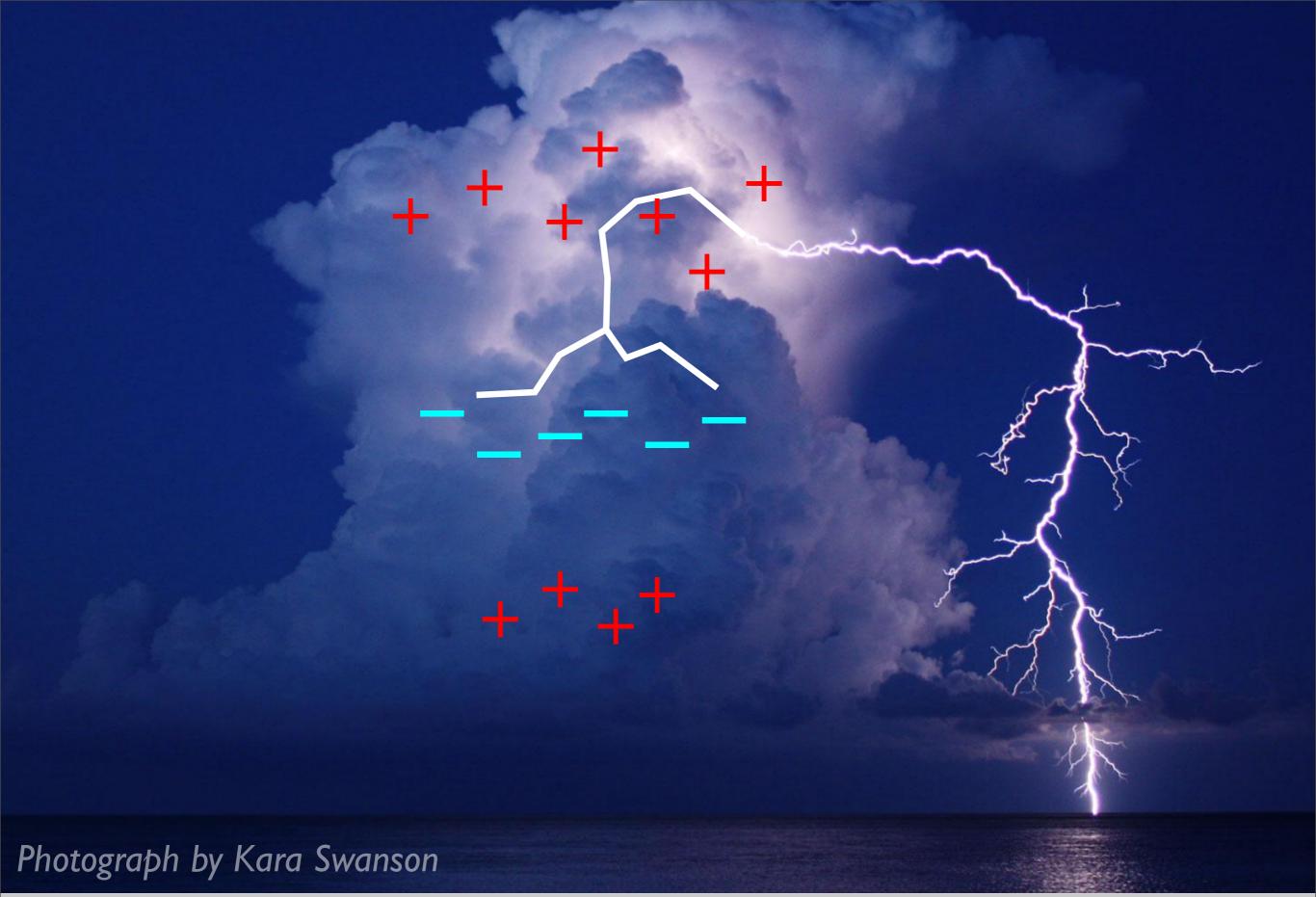








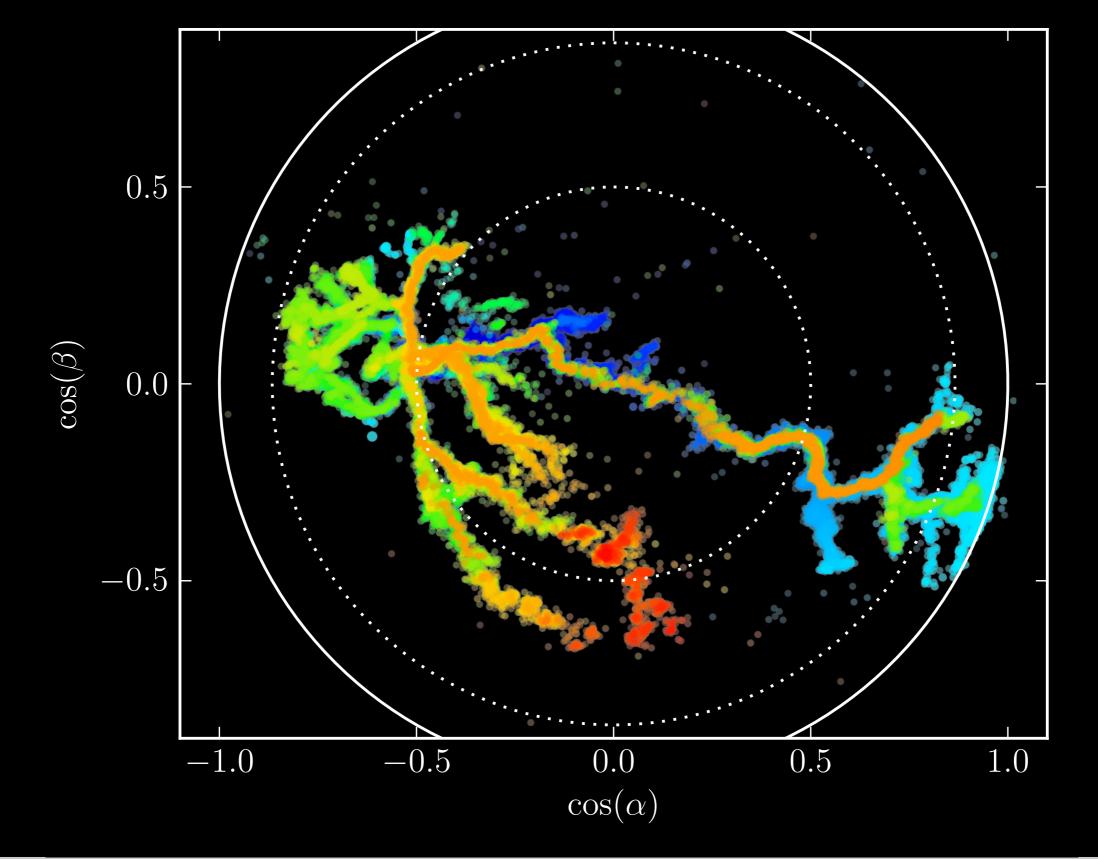
A Bolt From the Blue



A Bolt From the Blue

Tuesday, January 21, 14

EW MEXICO TECH

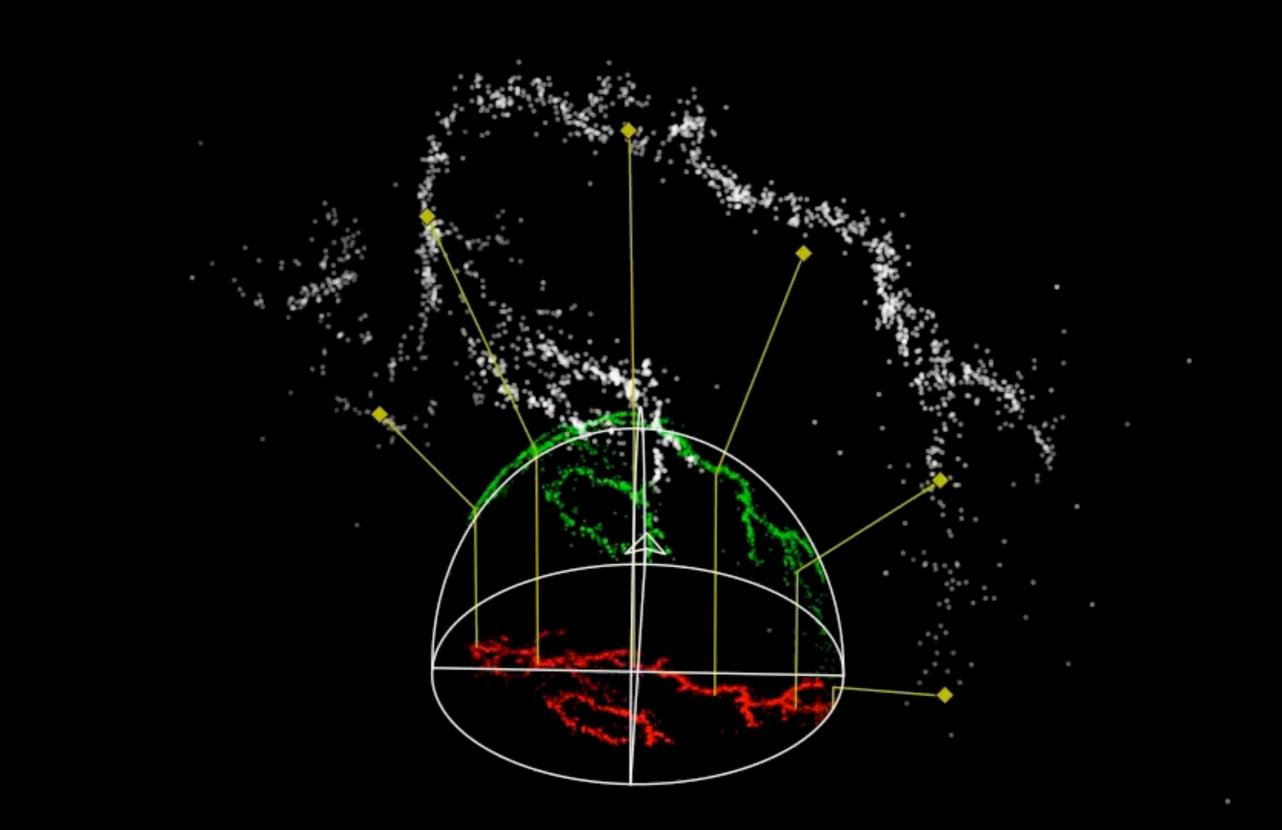




2013/07/08 BFB



INTF Projection

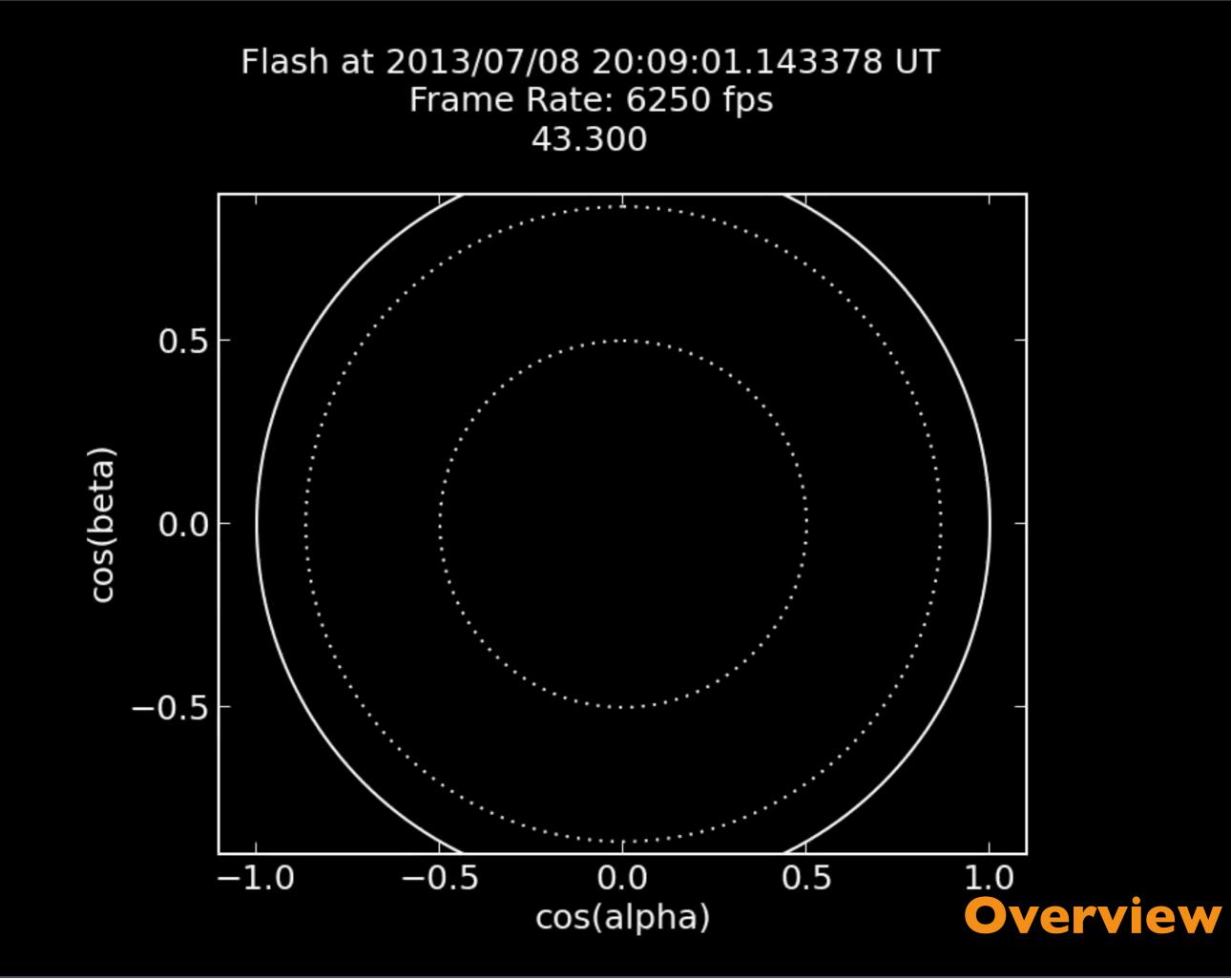




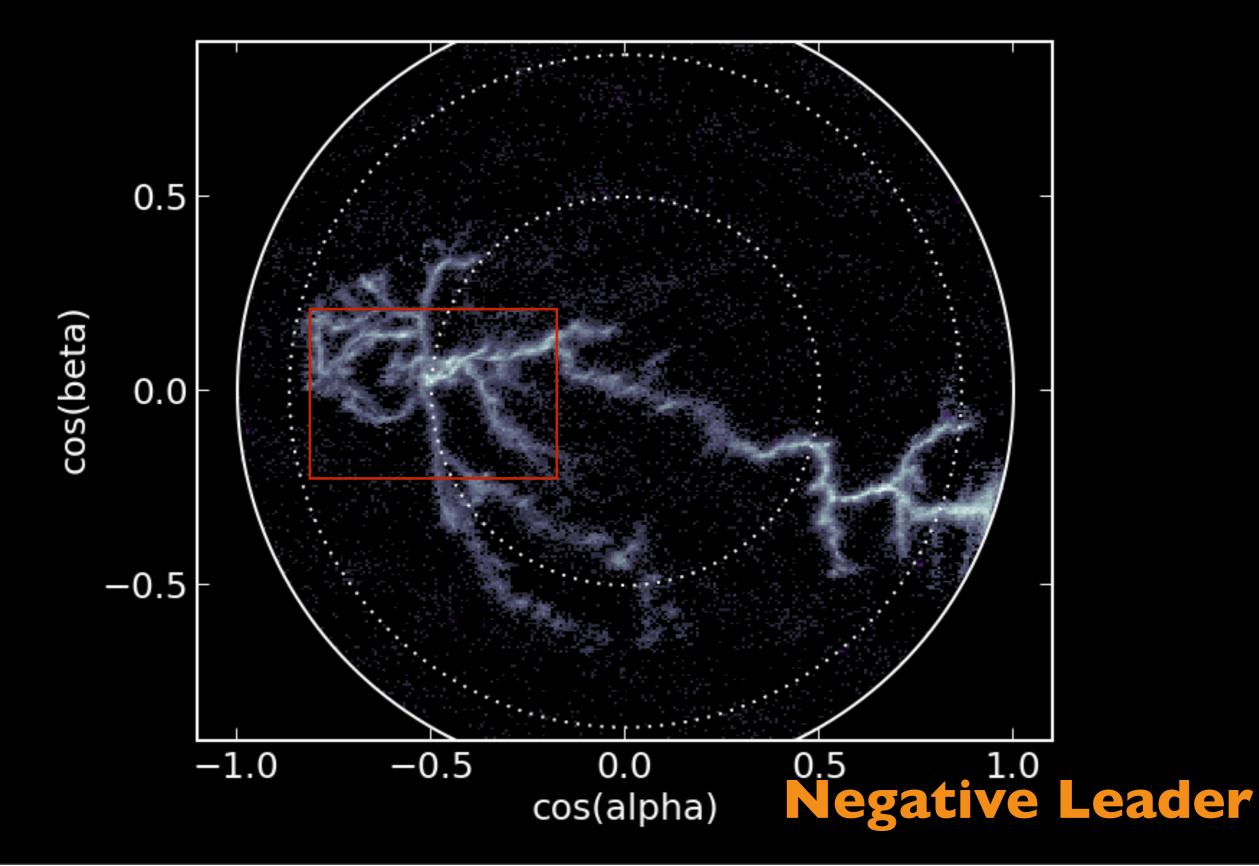








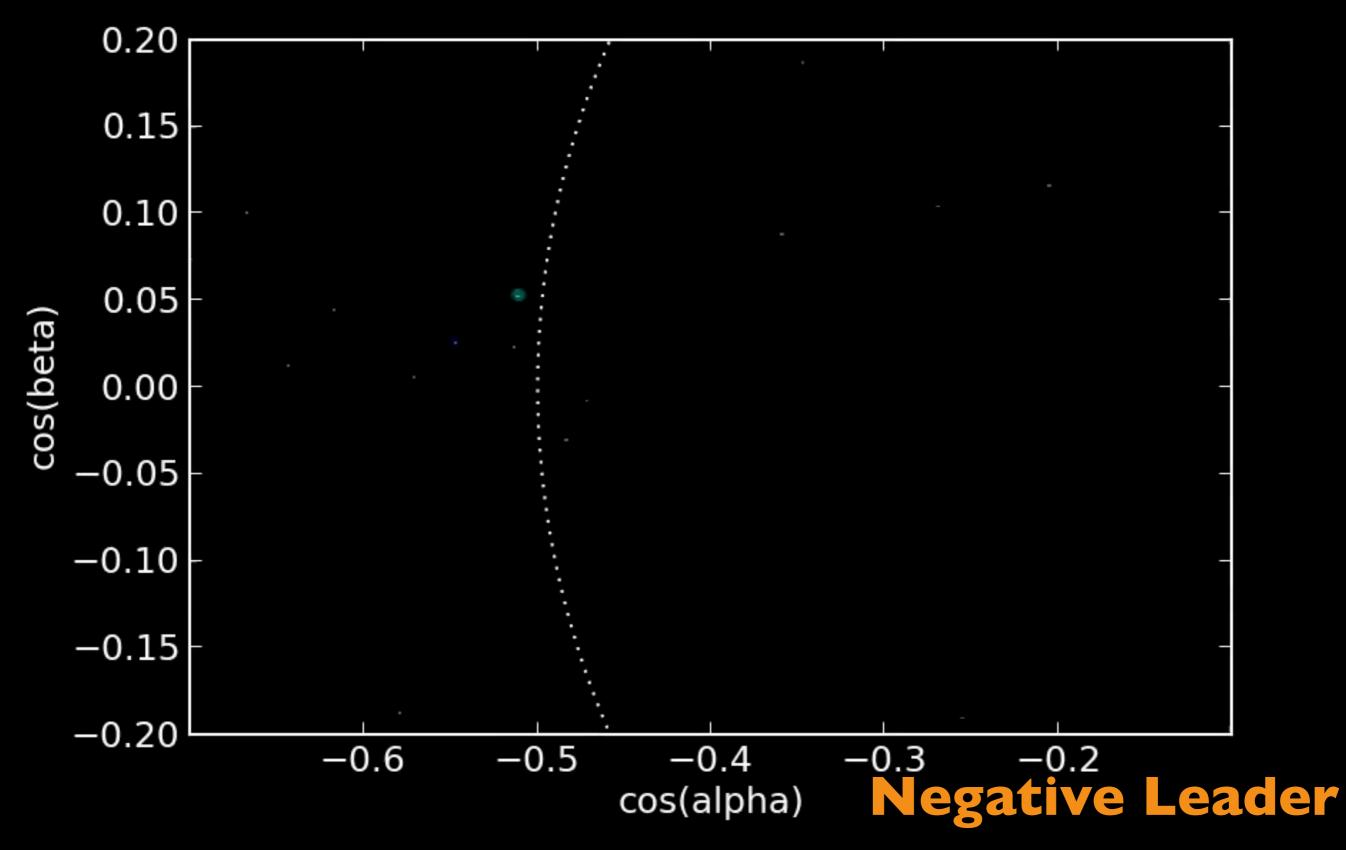
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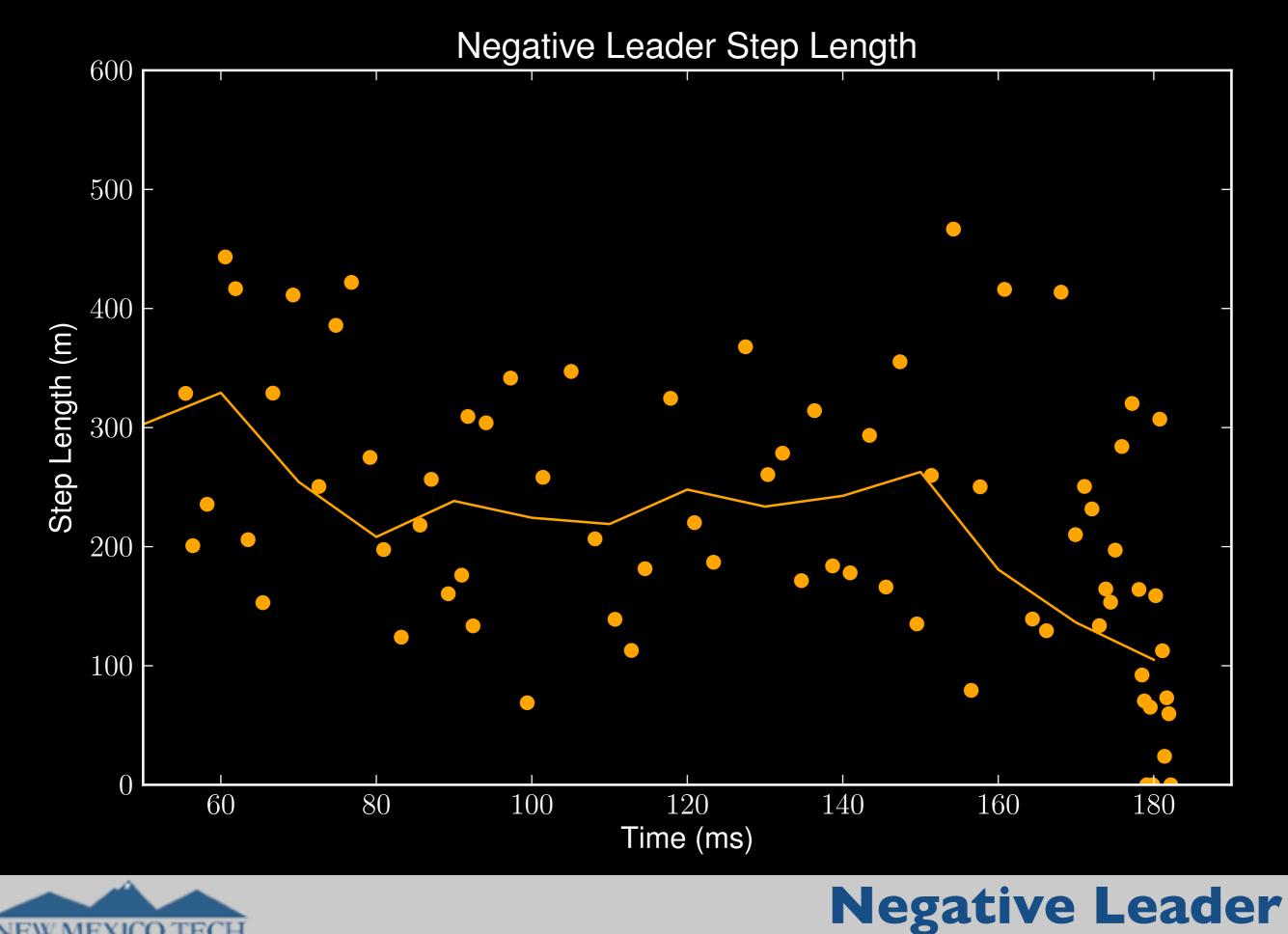






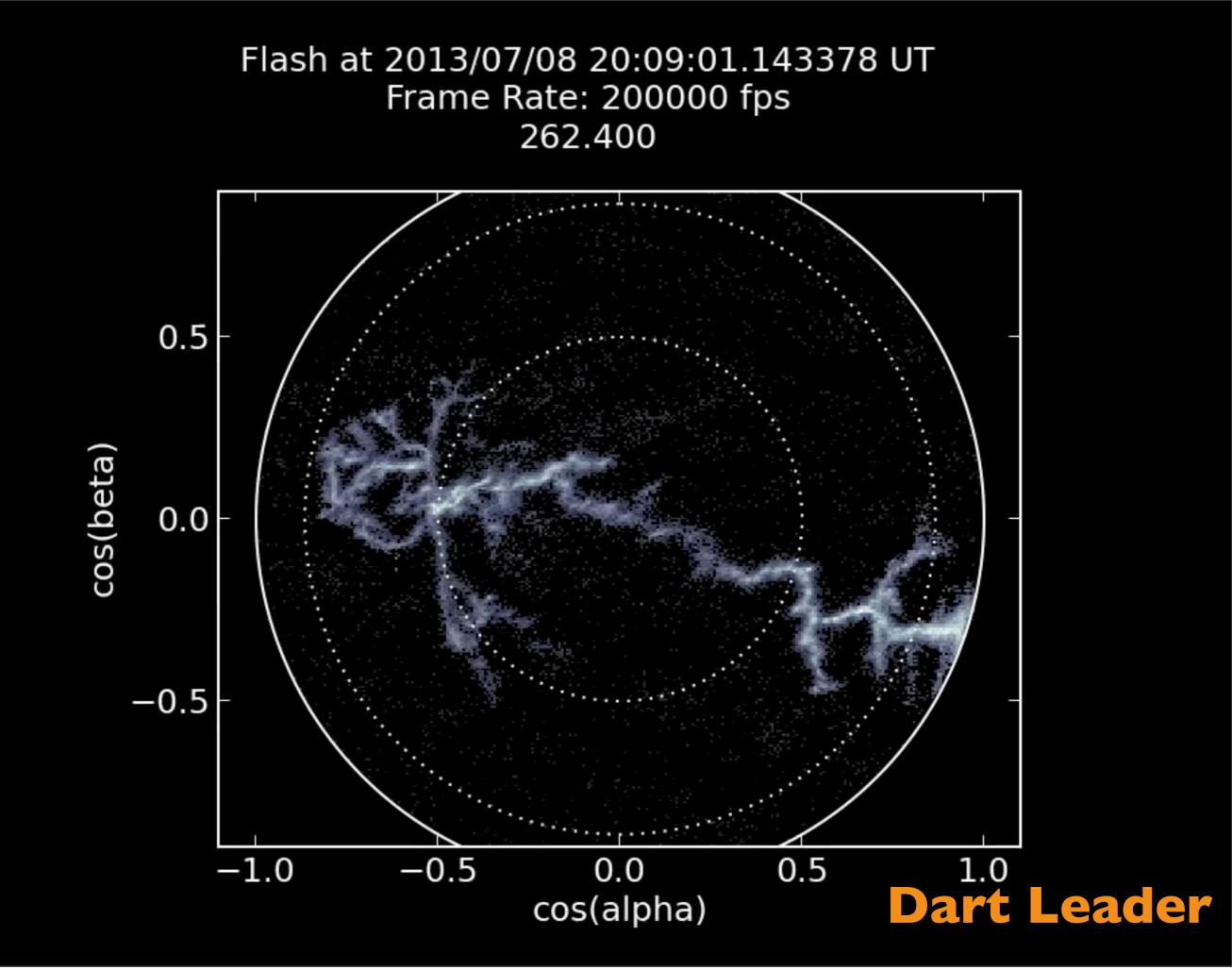
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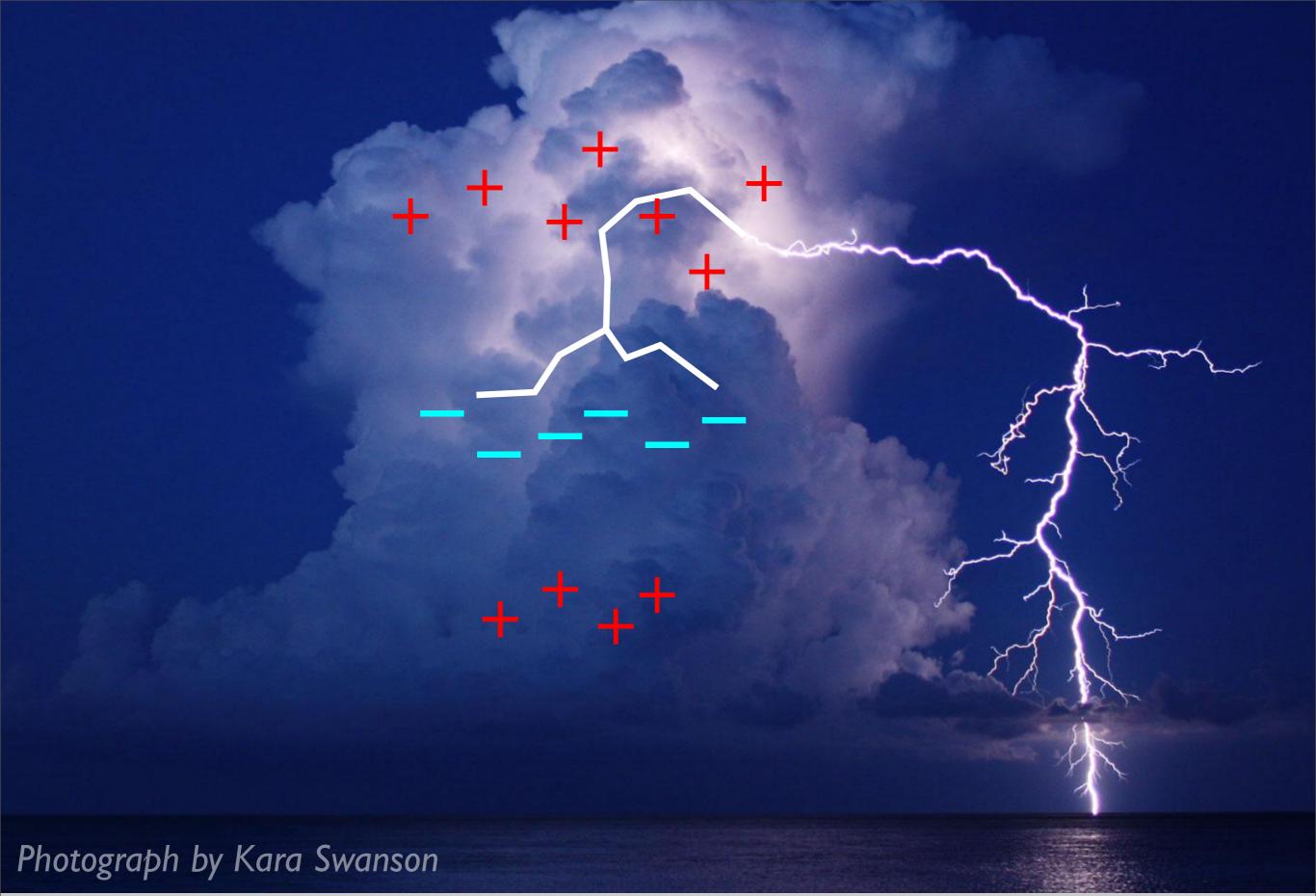








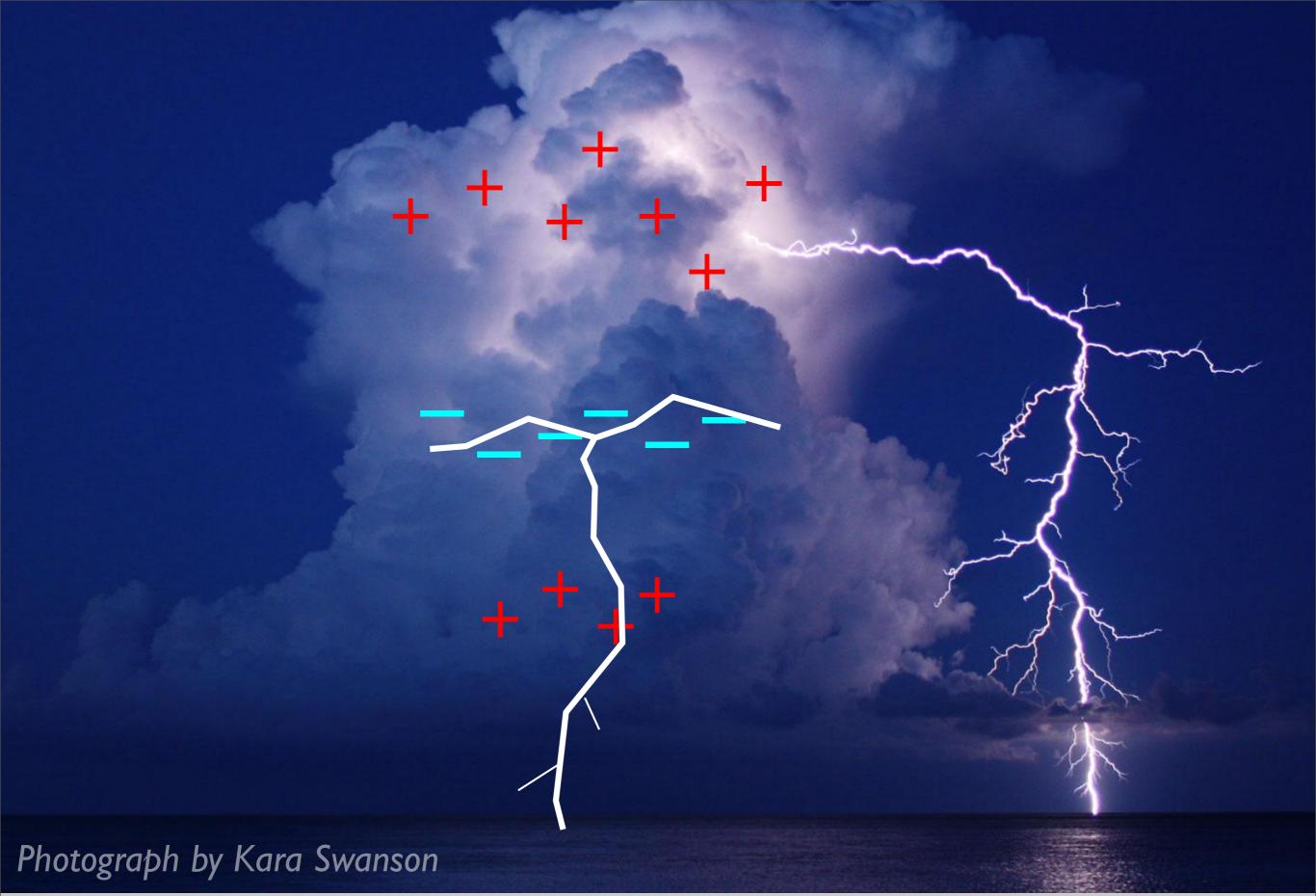




A Bolt From the Blue

Tuesday, January 21, 14

EW MEXICO TECH



A Bolt From the Blue

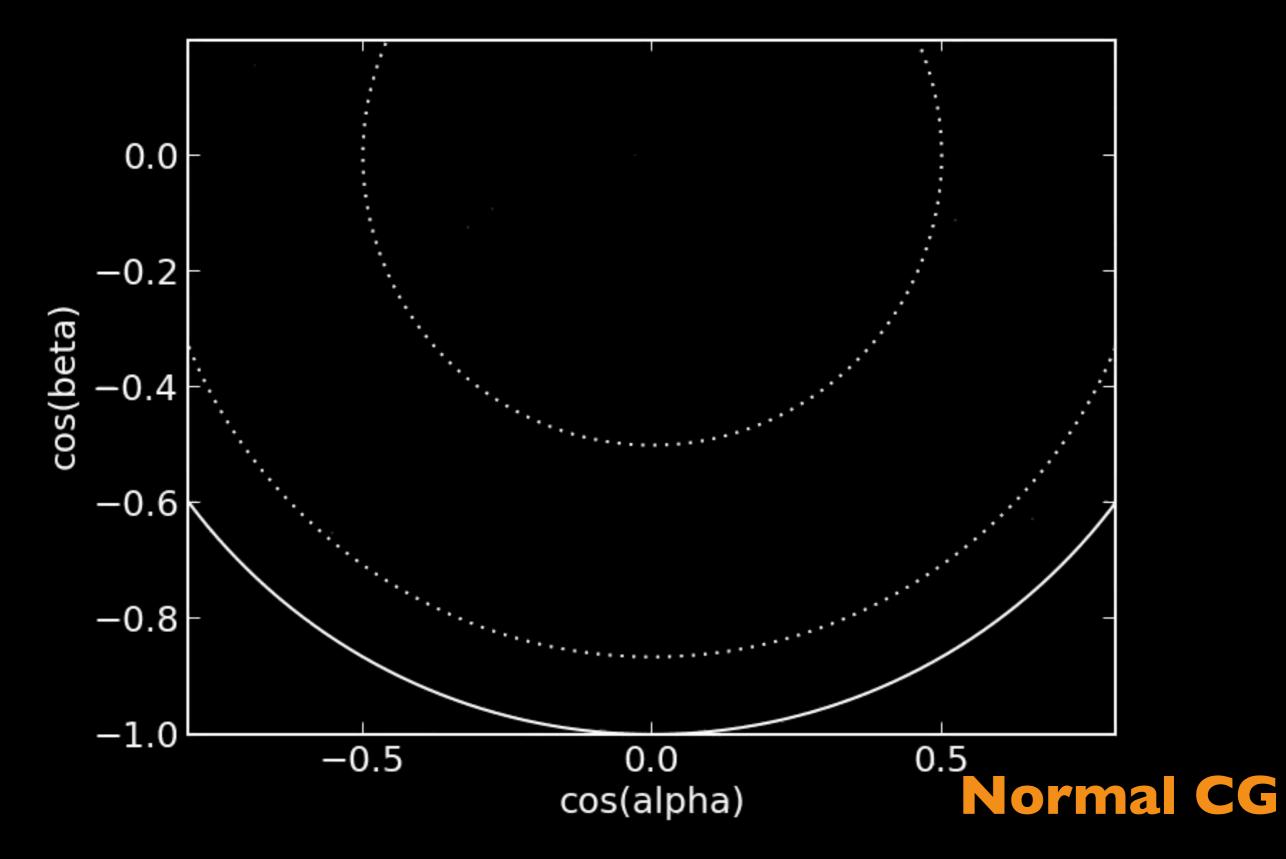
Tuesday, January 21, 14

EW MEXICO TECH





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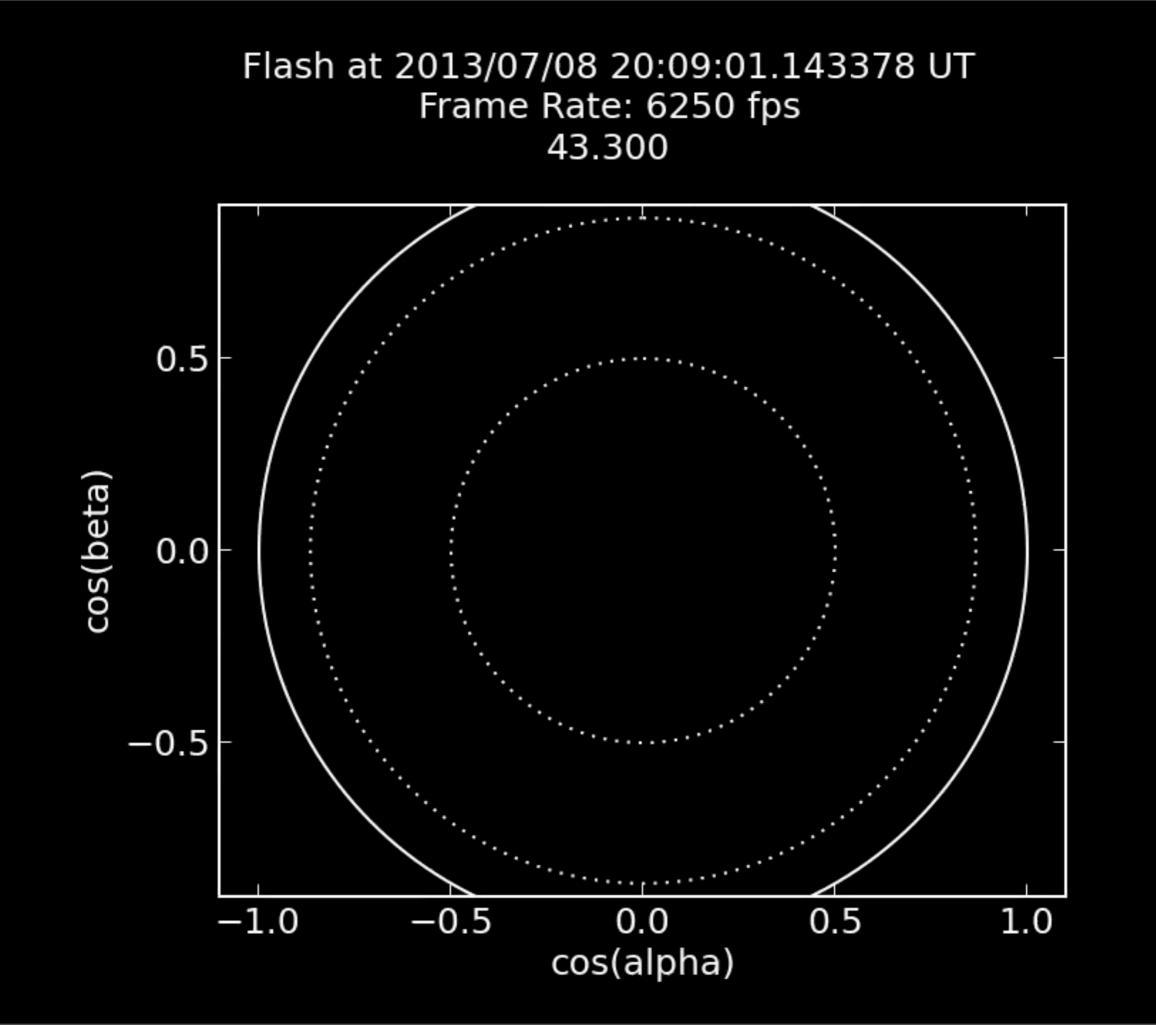


End









BFB