AMTAS Spring 2007 Workshop Session - Future Research Areas

Number	Brainstorm Future Research/Education Areas	1st Round # of Votes	Top Priorities
1	Nontraditional laminates (off axis)	7	1
2	Continued education to level set community	4	
3	Multi-functionality composites (electrical, structural, morphing, energy, etc.)	5	2
4	Repairing complex composite structures	1	
5	Increase bonding through safety/understanding	3	
6	Optimize design tools to take advantage of composites	4	3
7	Discontinous composite structures	2	
8	Hybrid structures, e.g., fiber-metal laminates	4	
9	Tailored structures	2	
10	Complex shape structures -- cost effectiveness	1	
11	In-service and NDE evaluation	3	
12	Out of autoclave composites	2	
13	RT cure composites and adhesives		
14	Design for life -- environmentally-friendly	4	4
15	Decrease amount of testing through statistics and judgment	4	5
16	Self-healing composites	3	