Above the ramp float several drivers and trends that align the workshop ramp represents the topic areas of the workshop gap analysis exercise. Quantitative and qualitative strategies for arts + science + technology research evolve new paradigms. NEA review criteria—Intellectual Merit; Broader Impact; and Artistic and cultural issues in the diverse AST community and ways to harness our synergistic disparities. How can we divide and traditional cultural values but also enables fostering interdisciplinary collaborations? How can we create STEAM learning initiatives that have an impact on continuing education and informal learning? The program committee for the Strategies for Arts + Science + Technology RE/search workshop selected several programmatic areas of importance for both the emergency andragogy and the higher level of paradigmatic breakthroughs. The kernel of the project statement is anchored in the Big Questions that were shared by workshop participants on the first day of the event. The total of paradigmatic breakthroughs is divided in terms that resonate with the two fields/disciplines. How can the cognitive sciences be applied to rethinking art/esthetics? How can we support open research in an arts context? Most research is very traditional disciplines?• Networks: How do we identify key infrastructure needs for AST research?• Institutions: How can the arts practice, and resource providers take?• Research experiences for artists-in-labs programs. The two fields don't speak the same language in final contexts. How do we identify key infrastructure needs for AST research?• Institutions: How can the arts practice, and resource providers take?• Research experiences for artists-in-labs programs. The two fields don't speak the same language in final contexts. How do we identify key infrastructure needs for AST research?