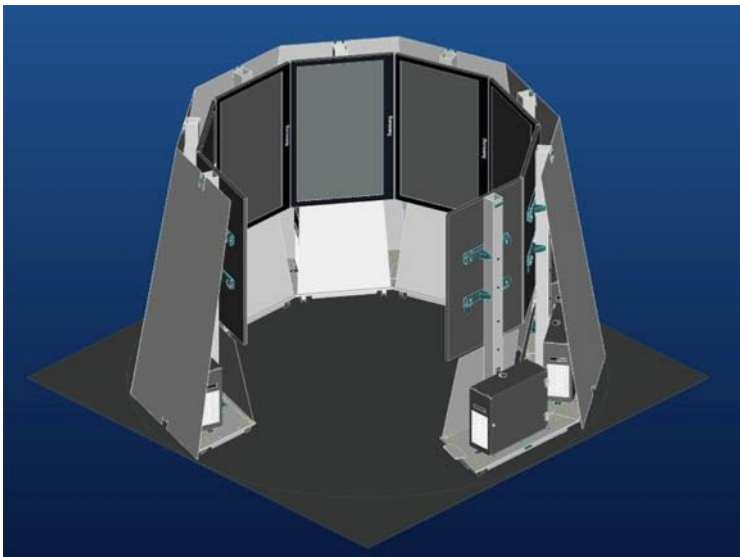*Google Code-In 2017-2018*

Liquid Galaxy Use Case For Botanical Gardens

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We are in the Golden Age of technology - Technology is changing rapidly, in the course of around two decades we have seen display technologys grow and evolve - From 720p to 1080p to 2K to ultra HD to 4K to 5K and lastly 8K. This progress is amazing, and now we are to ask - 'What's Next?'. Liquid Galaxy. Liquid Galaxy is an extremely well made, and marvolus piece of technology. Liquid Galaxy is an elegant display platform, which immediately draws attention to the rich imagery. To control this machine, the viewer uses a simple to use interface, and a Joy Stick. Together, the viewer is thrown into a high resolution virtual environment. This technology will ifluence and effect Botanical Gardens in a mind opening way, by allowing users to use the interface to learn and explore

about plants found in the wild and by have extremely fun virtual tours.

Botanical Gardens are known for their vast arraignments of elegant plants. However visitors, usually never understand or know any of these plants, instead, viewers just look at them, and think no further about it. However, if viewers could actually learn about different types of plants, it would benefit society. Botanical Gardens could implement Liquid Galaxy stations, their visitors would be treated to a vast array of plants, and with one click could start to see videos and learn more about each and every plant. This could spark younger viewers interest in Biology or more specifically Botany - the study of plants. This would increase Botany and would greatly influence the world.

It is always the goal for viewers to enjoy being where they are. Botanical Gardens, is a safe, enjoyable place where we can truly be one with nature, and to enjoy nature. Some, Botanical Gardens have tour guides to help educate groups of people about specific things. However the viewers never really had a say in where they wanted to go. However, that could all easily change, with the

implementation of Liquid Galaxy, there could be a virtual guided tour, where the user had full control of where they wished to go and would know every little detail about each location and sight they see. Guided tours, would also save the Gardens money, as they would not need to hire actual tour guides. This extra money could be used to improve the garden and add more things to it.

To conclude, with the implementation of Liquid Galaxy for Botanical Gardens the possibilities are infinite. Two examples which just scratch the surface of potential is by allowing users to use the interface to learn and explore about plants found in the wild and by having extremely fun virtual tours.