

BUSINESS INNOVATION SYMPOSIUM (E6)
New Space Markets + Investment Opportunities (3)

Author: Mr. Shen Ge

Scientific Preparatory Academy for Cosmic Explorers, United States, shenge86@gmail.com

Mr. Daniel Charles

Texas A&M University, United States, danielcharles@tamu.edu

Mr. Grant Atkinson

Texas A&M University, United States, vonbraunguy13@tamu.edu

SURVEY OF UPCOMING SPACE TOURISM VENTURES AND IDEAS

Abstract

This paper is divided into two parts with the focus on business plan development as well as innovative ideas. The first part discusses the required investments, offered services, and operational plans of near-future space tourism projects currently under development by existing companies such as Virgin Galactic's SpaceShipTwo, Bigelow Aerospace's BA 330, Excalibur Almaz's Almaz, etc. A comparison of their possible profitability based on results from surveys and responses from industry professionals is also conducted with the risks of each business venture clearly addressed. The second part of the paper presents new ideas for space tourism achievable within the next fifteen years that have not yet left the drawing board. Prospects of their profitability and overhead cost is discussed from a broad basis.