**Business:**

“In-Orbit Servicing Market Opportunity Exceeds $3 Billion.” GlobeNewswire News Room, GlobeNewswire, 30 Jan. 2018, globenewswire.com/news-release/2018/01/30/1314007/0/en/In-Orbit-Servicing-Market-Opportunity-Exceeds-3-Billion.html.

**Power:**

Komerath, Dessanti. “Brayton Cycle Conversion For Space Solar Power.” Georgia Institute of Technology, http://adl.gatech.edu/research/spg/papers/InCA\_AIAAJPP.pdf

Mason, Lee. “A Comparison of Brayton and Stirling Space Nuclear Power Systems for Power Levels from 1 Kilowatt to 10 Megawatts,” *NASA.gov,* https://ntrs.nasa.gov/search.jsp?R=20010016863 2018-04-04T03:14:24+00:00Z

Mason, Shaltens, Dolce, Cataldo. “Status of Brayton Cycle Power Conversion Development at NASA GRC,” *NASA.gov,* https://ntrs.nasa.gov/search.jsp?R=20020038204 2018-04-04T03:13:55+00:00Z

“Multi-Mission Radioisotope Thermoelectric Generator (MMRTG),” *NASA.gov,* https://mars.nasa.gov/msl/files/mep/MMRTG\_FactSheet\_update\_10-2-13.pdf

**Structures:**

Explorations, Space. “Falcon 9 Launch Vehicle, Payload Users Guide, Revision

2. ”*Www.spacex.com*, 21 Oct. 2015,<http://www.spacex.com/sites/spacex/files/> falcon\_9\_users\_guide\_rev\_2.0.pdf

Timet. “Titanium - Comparison of Properties with Other Metals.” *AZoM.com*, 1 Aug. 2017,

[www.azom.com/article.aspx?ArticleID=1298](http://www.azom.com/article.aspx?ArticleID=1298).

Ray, David M, et al. “High Pressure Composite Overwrapped Pressure Vessel (COPV) Development Tests at Cryogenic Temperatures.” *NASA*, NASA, 1 Jan. 2008, ntrs.nasa.gov/search.jsp?R=20080009730.

**Propulsion :**

Dachwald, “Low-Thrust Trajectory Optimization and Interplanetary Mission Analysis Using

Evolutionary Neurocontrol,” Deutscher Luft- und Raumfahrtkongress, 2004.

“Dual-Stage Gridded Ion Thruster (DS4G),” *Advanced Concepts Team, ESA.int*, http://www.esa.int/gsp/ACT/pro/projects/ds4g\_overview.html

Folta, Dichmann, Clark, Haapala, and Howell, “LunarCube Transfer Trajectory Options,” *4th*

*International Workshop on LunarCubes*, 2014.

Garcia, Roberto. “Asteroid Robotic Redirect Mission (ARRM) Solar Electric Propulsion (SEP) Other Trades Study (OTS),” *NASA.gov*, https://www.nasa.gov/sites/default/files/files/Other-Trades-Study-Garcia-TAGGED.pdf

Hall, Scott James, “Characterization of a 100-kW Class Nested-Channel Hall Thruster,”

University of Michigan, PhD Dissertation, 2017.

Herman, Albert, “Optima, Low-Thrust, Earth-Moon Transfer,” *Journal of Guidance, Control, And Dynamics*, Vol 21, No 1, January-February 1998.

Stansbury, Sarah, “Low Thrust Transfer to GEO: Comparison of Electric and Chemical

Propulsion,” CCAR, University of Colorado Boulder, 2009. http://ccar.colorado.edu/asen5050/projects/projects\_2009/stansbury/

**Propellant feed:**

Barbaritis, Joseph K, and Paul T King. “XENON FEED SYSTEM PROGRESS.” *DTIC*, AIAA, 9 July 2006, www.dtic.mil/dtic/tr/fulltext/u2/a456850.pdf.

Bushway, Edward M, et al. “A Xenon Flowrate Controller for Hall Current Thruster Applications.” *SpaceGrant*, IEPC, 2001, erps.spacegrant.org/uploads/images/images/iepc\_articledownload\_1988-2007/2001index/2002iepc/papers/t14/315\_1.pdf.

Bushway, Edward D, et al. “NSTAR Ion Engine Xenon Feed System: Introduction to System Design and Development .” *SpaceGrant*, erps.spacegrant.org/uploads/images/images/iepc\_articledownload\_1988-2007/1997index/7044.pdf.

Goebel, Dan M, and Ira Katz. *Fundamentals of Electric Propulsion: Ion and Hall Thrusters*. Wiley, 2008.<https://descanso.jpl.nasa.gov/SciTechBook/series1/Goebel__cmprsd_opt.pdf>

Kim, Younho, et al. “Development of Xenon Feed System for a 300-W Hall-Thruster .” *SpaceGarnt*, IEPC, 20 Sept. 2009, erps.spacegrant.org/uploads/images/images/iepc\_articledownload\_1988-2007/2009index/IEPC-2009-061.pdf.

Patterson, Michael J, and Scott W Benson. “NEXT Ion Propulsion System Development Status and Performance .” *AIAA*, AIAA, 8 July 2007, www.grc.nasa.gov/WWW/ion/pdfdocs/AIAA-2007-5199.pdf.

Pehrson, David M. “Continuing Development of the Proportional Flow Control Valve (PFCV) for Electric Propulsion Systems .” *NASA*, NASA, 17 Sept. 2007, www.erps.spacegrant.org/uploads/images/images/iepc\_articledownload\_1988-2007/2007index/IEPC-2007-346.pdf.

Ray, David M, et al. “High Pressure Composite Overwrapped Pressure Vessel (COPV) Development Tests at Cryogenic Temperatures.” *NASA*, NASA, 1 Jan. 2008, ntrs.nasa.gov/search.jsp?R=20080009730.

Starling, Dan A. “Propellant Feed Control for Ion Engines.” *Naval Postgraduate School*, 1996.

Theskin, J.C., et al. “Composite Overwrap Pressure Vessels: Mechanics and Stress Rupture Lifing Philosophy.” *NASA*, NASA, 23 Apr. 2007, ntrs.nasa.gov/search.jsp?R=20070022369.

**Electronics:**

Architectures of Onboard Data Systems. (n.d.). Retrieved from http://www.esa.int/Our\_Activities/Space\_Engineering\_Technology/Onboard\_Computer\_and\_Data\_Handling/Architectures\_of\_Onboard\_Data\_Systems

Bechtel, R. (2013). Multi-Mission Radioisotope Thermoelectric Generator (MMRTG). *NASA Facts*. Retrieved April 11, 2018, from https://mars.nasa.gov/msl/files/mep/MMRTG\_FactSheet\_update\_10-2-13.pdf.

High Data Rate S-Band Transmitter. (n.d.). Retrieved from https://www.isispace.nl/product/isis-txs-s-band-transmitter/

Huber, F. (n.d.). FPGA based On-Board Computer System for the “Flying Laptop” Micro-Satellite. Retrieved from https://pdfs.semanticscholar.org/17e4/d734e6a914b50ddbd788dbeca01b907ad7c9.pdf

Komerath, N. (n.d.). Brayton Cycle Conversion For Space Solar Power. *American Institute of Aeronautics and Astronautics*. Retrieved April 11, 2018.

Mason, L. S., Shaltens, R. K., Dolce, J. L., & Cataldo, R. L. (2002). Status of Brayton Cycle Power Conversion Development at NASA GRC. *NASA Technical Reports Server*. Retrieved April 11, 2018, from https://ntrs.nasa.gov/search.jsp?R=20020038204.

Mason, L. S. (2001). A Comparison of Brayton and Stirling Space Nuclear Power Systems for Power Levels from 1 Kilowatt to 10 Megawatts. *NASA, Glenn Research Center, Cleveland, Ohio*. Retrieved April 11, 2018, from https://ntrs.nasa.gov/search.jsp?R=20010016863.

On board computer. (n.d.). Retrieved from https://www.cubesatshop.com/product/on-board-computer/

Rao, V., & Pal, S. (2009, April). High Bit Rate Data Transmitting System for Remote Sensing Satellites. Retrieved April 11, 2018, from https://pdfs.semanticscholar.org/c31f/890c507bd8c17abf6c3954cc600c67ebd856.pdf

Indian Space Research Organisation

S Band Filters. (n.d.). Retrieved from https://www.southwestantennas.com/products/filter-modules-diplexers-triplexers/s-band-filters

Safe affordable fission engine. (2018, April 10). Retrieved from https://en.wikipedia.org/wiki/Safe\_affordable\_fission\_engine