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SmallSat is not complete without a scavenger hunt for prizes. This year, in the all-digital version of SmallSat, ISISPACE has a contest of its own, search our website and our brochures for the information required to answer these questions. We will raffle off 6 prizes among the highest scorers of this Quiz.

Instructions

1. Download the Quiz
2. Fill in your answers
3. Save the file and send it to marketing@isispace.nl
4. The winners will be announced on the 6th of August

Prizes

1 x IOBC Onboard Computer

2 x €1000 discount

3 x €500 discount

1. Which of the following products does ISISPACE provide?
 - a. COTS Subsystems
 - b. Platforms
 - c. Launch Services
 - d. Ground Stations
 - e. Application tailored satellites
 - f. Nanosatellite Turn Key Solutions
 - g. Research and Development
 - h. All of the above
2. How many satellites were launched through ISILAUNCH?
 - a. 120
 - b. 80
 - c. 250
 - d. Over 380
3. Which is the pointing accuracy capability of the 6U Advanced Platform?
 - a. 3 deg. (Sun light)
 - b. 10 deg. (Whole orbit)
 - c. 0.1 deg. (whole orbit)
 - d. 5 deg. (Sun light)

4. Which is the flight heritage of the ISISPACE 3U Platform?
 - a. Since 2015
 - b. Since 2013
 - c. Since 2018
 - d. Since 2010
5. Which are the max. data rate and the usable data rate of the ISISPACE High Data Rate S-Band transmitter?
 - a. 10 Mbps max. data rate and 4.3 Mbps at CCSDS TM Transfer Level.
 - b. 4.3 Mbps max. data rate and 10 Mbps at CCSDS TM Transfer Level.
 - c. 4.3 Mbps max. data rate and 9.6 Kbps at CCSDS TM Transfer Level.
 - d. 112 Kbps max. data rate and 9.6Kbps at CCSDS TM Transfer Level.
6. Which is the max. side volume allowed on the QuadPack CubeSat deployer?
 - a. Up to 6mm
 - b. Up to 1mm
 - c. Up to 11 mm
 - d. Up to 8 mm
7. Where does the 6U Deployable Panels mechanism flight heritage come from?
 - a. More than solar 25 ISISPACE solar panels released in-orbit
 - b. More than 400 ISISPACE antenna elements deployed in-orbit
 - c. More than 280 ISISPACE CubeSat deployer doors opened in-orbit
 - d. An innovative ISISPACE Helix antenna for IOT application deployed in-orbit
 - e. All the above
8. The ISISPACE Compact Power System, with flight heritage since 2018, has three voltage domains (VD): VD [0], VD [1] and VD [2]. VD [0] has 1 channel and VD [1] and VD [2] have 4 channels for each VD. Which is the maximum output current per channel?
 - a. 2A
 - b. 4A
 - c. 2,5A
 - d. 1A
9. What is the maximum possible supply voltage from the ISISPACE Compact Power System?
 - a. 12V
 - b. 16V
 - c. 28V
10. What is the possible use of the IOBC Onboard Computer in a CubeSat mission'?
 - a. Master mission computer for Flight Software and Planner
 - b. Dedicated Payload processing unit
 - c. ADCS Power and Data Interface
 - d. All of the above

11. Which applications are enabled by the IOBC Onboard Computer Daughterboard?
- a. A standard way to interface, communicate and power payloads
 - b. A dedicated data buffer for high speed payload data handling
 - c. A multi-node platform for ADCS sensors and actuators interfacing
 - d. A break-out board with user friendly jumper interface for lab development
 - e. All the above
12. What would you fly the ISISPACE Onboard Computer prize on?

Contact information

Name:

Email address:

Job title/occupation:

Organization: