India year of science and technology in Switzerland: PSLV C45 successfully launches EMISAT

PSLV C45 successfully launches EMISAT and 28 customer satellites including from Switzerland, US, Spain and Lithuania.
PSLV-C45 successfully launches EMISAT and 28 customer satellites

- PSLV-C45 is the 47th flight of the Polar Satellite Launch Vehicle (PSLV)
- 1st flight of its QL variant (with 4 strap-ons)

**EMISAT**
- Lift-off weight: 436 kg
- Altitude: 749 km
- Inclination: 98.376 deg
- Power: 800 W

**28 International Customer Satellites**

<table>
<thead>
<tr>
<th>Country</th>
<th>Satellite Name</th>
<th>No. of Satellites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lithuania</td>
<td>BlueWalker1</td>
<td>1</td>
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<tr>
<td></td>
<td>M6P</td>
<td>1</td>
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<tr>
<td>Spain</td>
<td>Aistechsat-3</td>
<td>1</td>
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<tr>
<td>Switzerland</td>
<td>Astrocast-2</td>
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<td>USA</td>
<td>Flock-4A</td>
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<td>LEMUR</td>
<td>4</td>
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</table>

**PS4 as an Orbital Platform**

PS4 hosts three payloads:
1. Automatic Identification System from ISRO
2. Automatic Packet Repeating System from AMSAT India
3. Advanced Retarding Potential Analyzer for Ionospheric Studies from Indian Institute of Space Science and Technology
EMBASSY OF INDIA
Berne, Switzerland

(Concurrently accredited to The Holy See and the Principality of Liechtenstein)

2019-20
India Science & Technology Year in Switzerland