# Future of A6.10/E9.4 "Space carrying capacity assessment and allocation"

- Number of submission in the A6.10/E9.4 "Space carrying capacity assessment and allocation" session: 28.

- We are proposing to make the session A6.10/E9.4 as a permanent one in A6 symposium (Being offered to make the session A6.10/E9.4 as a permanent one in E9 symposium).

The Symposium will address the complete spectrum of issues associated to space debris, including orbital sustainability and operations in debris dominated environment. It will cover every aspect of Space Environment Management (SEM) including Mitigation and Remediation measures, Space Surveillance and Tracking (SST), Space Situational Awareness (SSA), Space Traffic Management (STM), including all aspects of measurements, modelling, risk assessment in space and on the ground, re-entry, hypervelocity impacts and protection, mitigation and standards, post-mission disposal, remediation, debris removal, Space Surveillance, collision avoidance as well as non-technical topics associated to space debris dominated environment.

This symposium, organized by the International Astronautical Federation (IAF), will address two major issues regarding safe and secure operations of space systems via two separate sessions: i) policy, legal, institutional and economic aspects of space debris detection, mitigation and removal, jointly with the IAA Symposium on Space Debris, and, ii) cyber security threats to space missions and countermeasures to address them, jointly with the IAA Symposium on Safety, Quality and Knowledge Management on Space Activities.
Papers dealing with non-technical aspects of space debris mitigation and removal, as well as planetary defence against asteroid impact threats, and case studies focusing on countermeasures needs, including cryptography processes, operational security, supply chain and other aspects relevant to ensure a "cyber secure" mission will be well received in this Symposium.

- Better fit would be A6 symposium.

- Is there any possibility? Discussion