

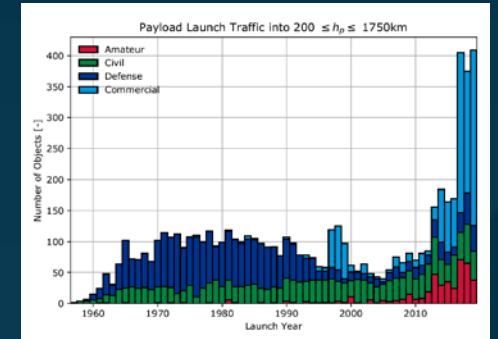
ESA input to round-table

Dr Tim Flohrer
Head ESA Space Debris Office
IAA SD Committee
9 October 2020



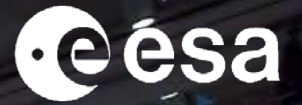
ESA input to round-table

- Space Debris Environment Report fourth edition has been released on 29/09/2020 https://www.sdo.esoc.esa.int/environment_report/
- Work on Space Sustainability Rating (SSR) under WEF activity together with MIT Media Lab, UTA, Bryce
 - Continues with upcoming testing phase.
 - Workshop planned for 15 Dec (TBC)
 - Planned hand-over to hosting institution in 2021
- 5th International Space Debris Re-entry Workshop <https://reentry.esoc.esa.int/home/workshop>
 - on 2 December 2020 (virtual format),
 - Abstract deadline: 12th of October 2020
 - Registration deadline: 9th of November 2020
- Spacecraft Collision Avoidance Challenge (end 2019, 96 teams, 862 submissions)
 - results have been published: <https://arxiv.org/abs/2008.03069>
 - Findings flew into CREAM ITTs, first one published
- DRAMA upgrade to v3.0.4 on 09 Sep 2020
- 8th European Conference on Space Debris (next slide)



8th European Conference on Space Debris

Virtual conference 20 – 23 April 2021



Abstract Submission

Authors are invited to submit their abstracts according to the procedure described below. Each Abstract (approximately 500 words) should clearly outline major achievements and innovative ideas.

Papers will be selected on the basis of:

- interest in the subject by the target audience
- relevance to the conference topics
- originality of the ideas presented
- quality and clarity of the content

Papers must be submitted in English, according to the “instructions to authors”. English will also be the working language at the conference.

Abstracts must be submitted by 15 November 2020.

A “No Paper – No Podium & No Podium – No Paper” rule applies.

Proceedings from the previous conferences are available via <https://conference.sdo.esoc.esa.int/>

Target Audience

The conference will provide a unique forum for information exchange, technical discussions and networking between space debris researchers, engineers & decision takers of industry, policy makers & space lawyers, insurance underwriters, space & ground system operators, institutional organizations (e.g. space agencies, EU, UNCOUOS, IAA, COSPAR), academia, and the defense sector.

Important Dates

- 1 Oct 2020 Abstract submission starts
- 1 Nov 2020 Registration opens
- 15 Nov 2020 Deadline for abstracts
- 15 Jan 2021 Notification of authors
- 1 Mar 2021 Final program
- 10 Apr 2021 Deadline for full papers
- 20 - 23 Apr 8th European Conference 2021 on Space Debris**
- July 2021 Publication of proceedings

Conference Venue

The conference will be organised in a **virtual format**.

On-site participation will be confirmed by 1 March 2021 at the latest.

Registration Fees

Registration fees: 200EUR full/100EUR student/300EUR late/*TBD* EUR on-site

Point of Contact

Conference Website <https://space-debris-conference.sdo.esoc.esa.int/>

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