

ANNUAL REPORT OF THE CIAM SPACE MODELS SUBCOMMITTEE ACTIVITY FOR 2019

By Dr. Zoran M. Pelagic
CIAM Space Models S/C Chairman

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CIAM Space Models Subcommittee (SM SC) was composed of 24 members in 2019, all from different countries from four continents. SM SC convene on a regularly basis - once a year at the current Space World or European Championships. In addition to that there was a very intensive email correspondence on different spacemodelling issues.

There was one SM SC meeting at the 2019 FAI European Championships for Space Models in Buzau (Romania), held on 30th August 2019. It was open to SM SC members, outstanding sportsmen and all team managers – attended by over 30 persons from 15 countries. The Agenda contained: **1.** Current status of SM by countries; **2.** Unification of SM motors -> setting standards and experiences with "unified motor box"; **3.** SC4 Volume S - general Revision; **4.** Analysis of new proposals for the SM SC; **5.** Unification of Cat. 1 and 2 documents.

The most important sports, technical and organizational activities in 2019 were:

1) 2019 FAI European Championships for Space Models for Seniors and Juniors held in Buzau (Romania) from 23rd to 30th August 2019 were successful. They were participated by a total of 18 countries (17 senior teams with 117 competitors and 13 junior teams with 78 competitors). The best overall team was team Russia.

2) SM World Cup was also successful. There were a total of 19 events organized by 12 countries on three continents (America, Asia and Europe) with participation of sportsmen from 23 countries. Total number of sportsmen was 1106. This year traditional "traditional SM countries" came back to organize World Cup competitions this year, so an increase of competitors was noticed mostly in Classes S4A (Boost-glider duration), S6A (Streamer duration) and S9A (Gyrocopter duration). Classes S8E/P (RC Gliders) and S7 (Scale models) were very successful with a stable of number of competitors and number of contests can be considered unchanged. This year the United States successfully organized three World Cup competitions, which is a big increase in the Western countries. Other, mostly West European countries still hesitate to organize the FAI style World Cup contests although some possibilities are considered. SM SC is now focusing on organization of more SM World Cups in the Near East as only two SM World Cups are organized in Asia.

3) Open International – non-World Cup events were organized in non-World Cup classes as back-up events of several World Cups to encourage space modelers to contribute to versatility of this sport. These classes were S3A (parachute duration) and S8D (RC duration rocket-gliders) and S12 (rocket duration triathlon).

4) SM SC had also a very intensive activity in a complete revision of the SM rules for 2020 proposals. At the Subcommittee meeting held in Buzau, many new ideas and proposal were discussed. The main aim is to make models more attractive and more visible to wider public and media. Also, the usage of electronic devices is considered to be used more intense in the future.

5) Working Groups (WGs) in 8 fields (altitude models, time-duration, rocket-gliders, scale, motors, safety, logistics and new classes) were established. Their main goal is to analyze the current rules, new proposals and if needed, set standardized requirements to manufacturers and organizers. Each WG consists of 4 to 5 members, the most experienced people each the field.

6) Need for properly educated coaches and competent judges is still present. As stated last year, an international teaching program for all levels of education would be necessary. For this purpose, the "Guide" program, which started for scale judges this year at selected Cat.2 competitions showed first result. A more intense training with more guidelines is planned for 2020 and later.

7) For the first time since its introduction in 1999, the best placed modelers in the Space Models International Ranking (SMIR) were awarded by the SM SC for the 2018 season. The awarding ceremony was held at the banquet of the European Spacemodelling Championships at Buzau, Romania. The awards in form of Diplomas were donated by the Slovak Aerospace Modelling Association. Awarded were best overall, senior junior and female competitors. The SMIR represents a continuous classification based on the results of all open and limited international events, as well as continental and world championships and world cup contests. The intent of the SMIR classification is to encourage competitors to enjoy versatility of space models by flying more than one, traditional, class and to be awarded (in contrast to other SM competitions, where you are awarded always for one class) for efforts made in whole space models activity during the year. The awarding ceremony is planned to continue in the future.