

## **ANNUAL REPORT OF THE CIAM SPACE MODELS SUBCOMMITTEE FOR 2003**

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Space Models S/C Chairman

Space Models Subcommittee ( SM S/C) consisted of 21 members from different countries. There was one SM S/C meeting in two sessions during 9-th European SM Championships ( SCG, Sep 2003) when the following items were discussed: future world/ continental championships, contest calendar for 2004, world cup events 2003 and rule changes.

E-mail communication was essential but the total number of individually exchanged messages or distributed through three e-mail lists ( spademodelling, SM S/C members and SM Wcup organizers') decreased remarkably with respect to the previous years, since number of problems to be solved has decreased.

Major spacemodelling activities in 2003 were:

1. 9-th European Spacemodelling Championships for junior and seniors was held in Sremska Mitrovica (SCG) from 7 to 14 September, 2003. Participated 13 countries ( 12 in each classification ) with total of 183 senior and 216 junior entries in 8 classes. This was the first CIAM champs in SCG after 16 years. Generally it was correctly organized, but followed with some problems caused by a very bad weather and unexperience of the executive organizers (poor timekeeping and malfunction of igniter boxes).
2. There were held 17 World Cup events in 13 countries (the biggest number of events so far) with participation of contestants from 20 countries. Newcoming organizer was Spain (Lleida) and new participants were from BIH and KAZ. Participation per classes was: S4B-170, S6B-343, S7-104, S8E/P-144, S9B-145. Number of participants was slightly increasing or steady. All events were correctly organized with excellent finals in Ljubljana (SLO) which celebrated in 25-th anniversary and proved as the oldest SM contest in the world.
3. There were several Open Internationals during the season, but with a very limited participation.
4. Two world records were surmounted at 9-th European SM Champs by Miha Cuden and Anton Sijanec, both from Slovenia, in classes S1A and S1B in regular rounds. Performances were 310 m and 507 m respectively.
5. The SAPPHERE Space Models Developing Program is completing seventh year of activity. There are two major objectives: application of on board electronics (to make easier retrieval of models and altitude measurements) and development of new small, simple and very cheap models for junior-beginners propelled by very safe and cheap engines of a very low total impulse A/4 (0,612 Ns). Such models were launched sometimes in fair-halls promoting this activity.
6. Major problem was regulatory restriction of export/import of rocket engines in USA and EU, which complicates organization of SM contests in these countries. SM S/C shall continue to find ways to solve this problem.

Space Models S/C has stabilized its activity and continues to work by continuing promotion of spacemodelling as sports activity mostly through WChs/CChs and Wcups, developing more sophisticated and attractive models, making SM known world-wide and intensifying junior activities. Space Models International Ranking (SMIR) shall establish soon a wide list of international SM-airsportsman and contribute to motivate people in many new countries to join spacemodelling.

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