

Conference Letter

AIAA

20th ICSSC (International Communications Satellite Systems Conference)

Yutaka Kazekami, Senior Editor

The 20th AIAA ICSSC was held in the Hilton Montreal Bonaventure hotel at Montreal, Canada from May 12 to 15, 2002. Total number of registered participant is 320.

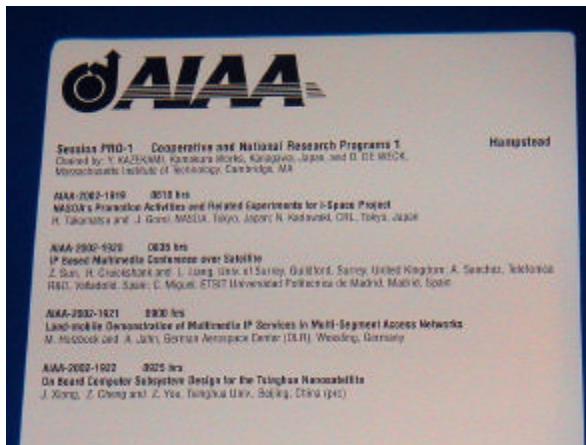


ICSSC-20 Colloquium

The colloquium was held on 12 May. The theme of this year is "Satellite Broadband Access to the World Key Business and Technology Considerations". Mr. B. Nation of SS/L chaired and conducted. 4 presentations of 'Business & Finance', 'Systems and Special Considerations' and 'Standardization and Production' and Paned Discussion were planned, however, Mr. Hoeber, Senior Vice President of SS/L, made special presentation due to absence of

the first speaker. The number of total attendant is 79 people. It was very good colloquium.

Conference started from May 13 from the opening of session declaration by Dr. Jack Rigley, CRC Canada. Mr. Marc Garneau, Canadian Space Agency, made Keynote Address. Mr. John Feneley, AT & T Canada, chaired Plenary Session in succession of "Delivering Profitable Satellite Broadband Access Services: Service Providers' Perspective" In, this Plenary, TelesatCanada reported as "Satellite Communications becomes a high profit by sharing the spot beam. Anik F2 can provide 48 multi-beams. ESA and CRC will participate the experiment. Gillat/EMS provide ground facilities to TelesatCanada" ESA reported as "Very large scale satellite platform for FSS/DBS will be developed. First launch will be in 2006. 20 kilowatts, 8 tons at geo-stationary orbit and 1.2B euros for budget." Eutelsat reported as " We will offer satellite service with 25 euros per month. Full compatible to DSL and 2 ways link for data and contents".



Notice board of an/the author charge session

Technical Program was held from 13th to 15th May. Total 220 papers were presented parallel in 6 meeting places. There was no printed proceedings and it was provided by on-line from 10 days before the conference opening. It was the first attempt in ICSSC. Also, CD-ROM was distributed to the registered participants by courtesy of EMS, Canada. I shared the session chair of "Cooperative and National Research Programs 1" in cooperation with Dr. DeWeck, Professor of MIT. The audience was about 40 people. Mr. Takamatsu, NASDA Japan, reported the experiment plan of i-Space. Dr. Sun, England Surrey university, and Dr. Holzbock, Germany DLA, reported IOP experiment in EuroSkyWay Program. Mr Xiong, China Tsinghua university reported OBC using commercial parts in CPU. Speakers of this session had rich internationality with Japanese, Switzerland, English, German and Chinese.

The exhibition was held on 13th and 14th May. Total 10 companies were participated. Dr Niel Helm, George Washington University, U.S. and Dr. Takashi Iida, CRL Japan, received AIAA Aerospace Award in this year, with Award Luncheon on 15th.



Dr. Iida receiving Award

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Dr. Helm's Award Speech