

2nd UNISEC-Global Meeting

Opening Remarks IAA

Rainer Sandau

IAA

an independent international community
of 1200 active leading experts
(1700 from 89 nations)
recognized by the UN in 1996.

membership access based on highly
competitive election

IAA leadership

high ranking Board of Trustees
(7 Heads of Space Agencies)

Six commissions covering all aspects
of space activities,

Offers the missing forum where the
best experts in all domains can
meet, know each other and
exchange their opinions.

April 12, 1961

Yuri Gagarin IAA Honorary Member

First Man in Space



**Yelena Gagarina
Kremlin 2011**

16 June 1963
Valentina Tereshkova
IAA Honorary Member
On board Vostok 6
First Women Cosmonaut



2009 in Moscow

Valentina Tereshkova
Moscow April 2011

March 1965
Alexei Leonov
IAA member
First Space Walk



Kremlin April 2011



**Apollo 11, July 16-24, 1969,
Neil Armstrong, IAA Member
(left) commander,**

**Buzz Aldrin, IAA Member,
(right) lunar module pilot.**

**Buzz Aldrin on July 20, 1969,
completed a 2-hour and 15
minute lunar EVA**



Top Ten IAA Membership

USA	246	20.6%
Russia	162	13.8%
France	107	9.1%
Germany	102	8.1%
China	85	7.2%
Japan	57	4.8%
Italy	40	3.4%
India	35	3.0%
UK	31	2.6%
Ukraine	27	2.3%

Buzz Aldrin at IAA Paris



IAA Board of Trustees

President

- **Dr. Madavan Nair, India**

Vice-Presidents

- **Prof. Anatoly Perminov, Russia**
- **Prof. Liu Jiyuan, China**
- **Prof. Hiroki Matsuo, Japan**
- **Dr. Yannick d'Escatha, France**

Secretary General

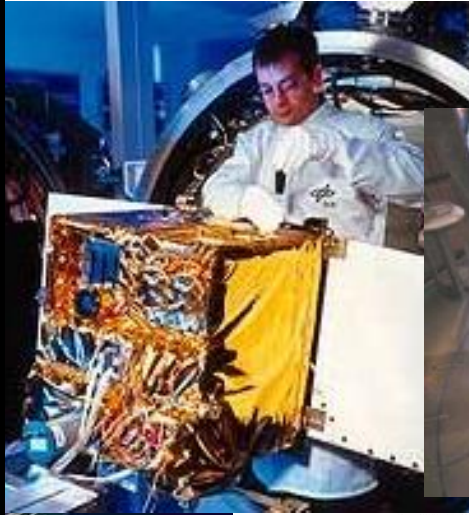
- **Dr. Jean-Michel Contant, France**

IAA Introduced the Small Satellites Concept in 1985 (Bordeaux Workshop)

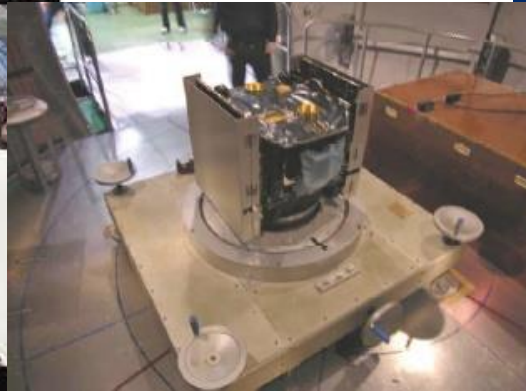
KITSat (Korea)



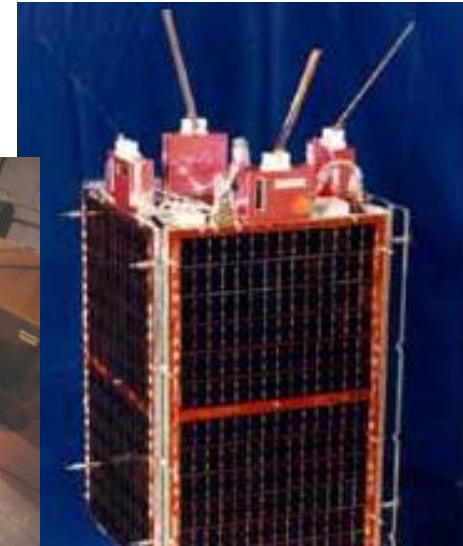
BIRD 200 (Germany)



REIMEI (Japan)



FASAT (Chili)

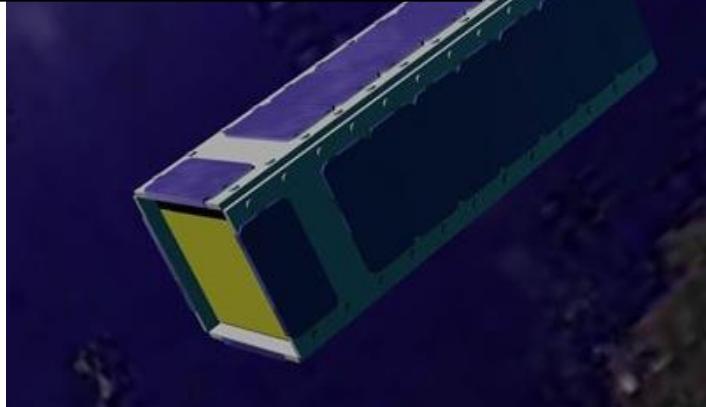


FORMOSAT-2

Daily revisit and high resolution



GENESAT 2 (USA)



IAA and Low Cost Planetary Missions

IAA
First
Conference
on
Low Cost
Planetary
Missions
1993
John
Hopkins
University

National Aeronautics and Space Administration



Seventh IAA International Conference on Low-Cost Planetary Missions

September 12 - 14, 2007
California Institute of Technology
Ramo Auditorium
Pasadena, CA

Deep Impact / Comet impactor



Hayabusa / Asteroid sample return



Messenger / Mercury orbiter



Smart-1 / Lunar orbiter



IAA and Small Satellites at IAC

**IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS
UN/IAA WORKSHOP ON SMALL SATELLITE AT THE SERVICE
OF DEVELOPING COUNTRIES**

1997 Turin, Italy

1998 Melbourne, Australia

1999 Amsterdam, The Netherlands

2000 Rio de Janeiro, Brazil

2001 Toulouse, France

2002 Houston, USA

2003 Bremen, Germany

2004 Vancouver, Canada

2005 Fukuoka, Japan

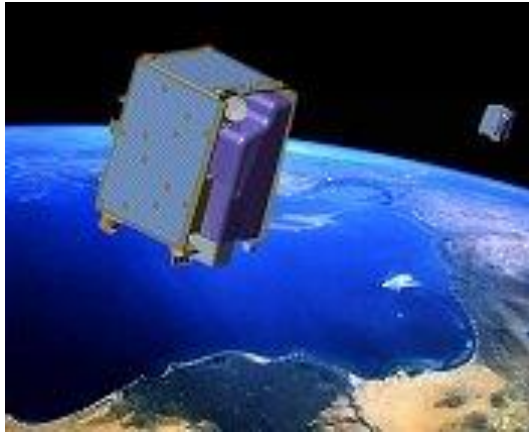
2006 Valencia, Spain

2007 Hyderabad, India

2008 Glasgow, UK

2009 Daejeon, Korea

IAA Symposium on Small Satellites For Earth Observation



Berlin,

1996

1999

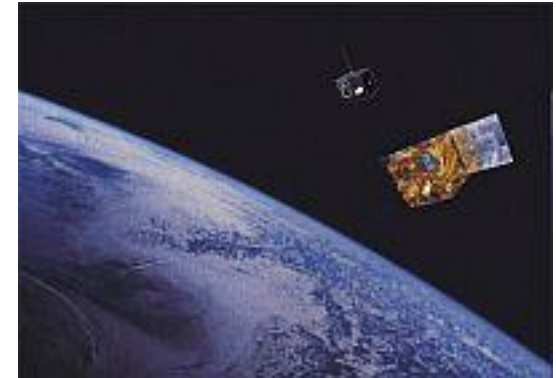
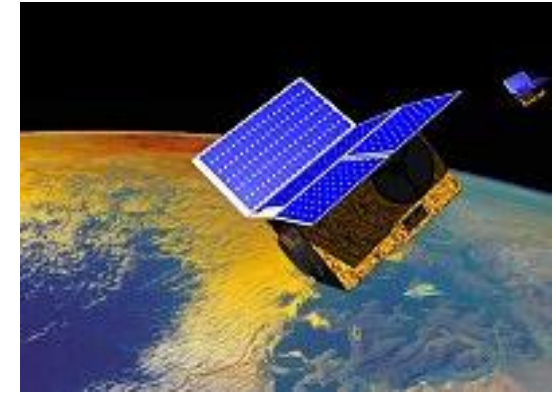
2001

2003

2005

2007

2009

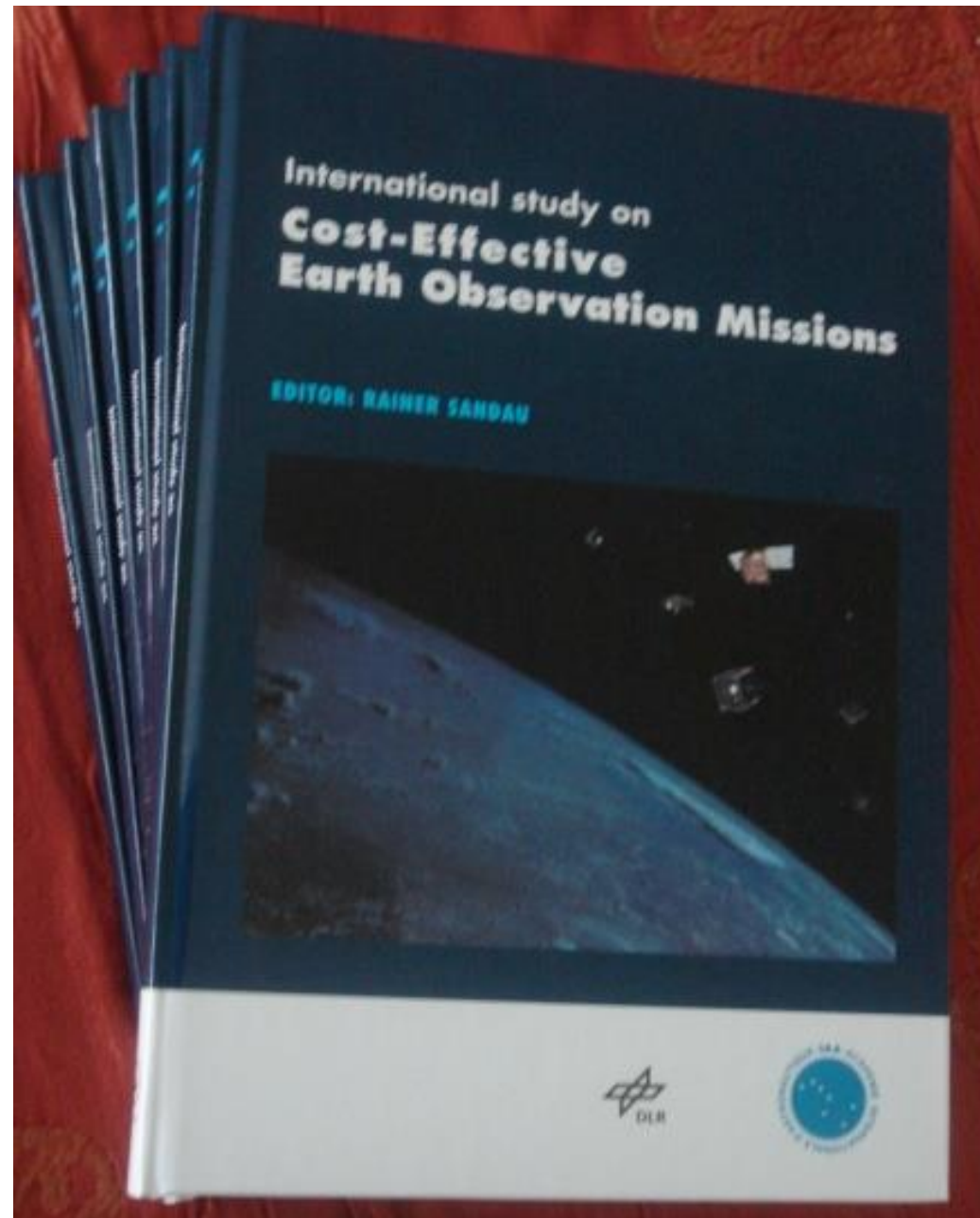


Statistics of the 4th Symposium on Small Satellites for Earth Observation

- Number of participants: 163
- Number of Nations: 25
- Number of posters: 31
- Number of sessions: 15
- Number of lectures: 56

IAA Study

Cost-Effective Earth Observation Missions



(<http://iaaweb.org/iaa/Studies/earthobservation.pdf>)

MIC publications

