

United Nations



Nations Unies

Important Notice

Non-Delegates

In order to attend the Symposium, please register by submitting your name to the Office for Outer Space Affairs in advance and present this invitation together with an appropriate identification document at the entrance of the Vienna International Centre.

Co-ordination by the

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**SYMPOSIUM TO STRENGTHEN THE
PARTNERSHIP WITH INDUSTRY**

**SPACE INDUSTRY IN
EMERGING SPACE NATIONS**

**12 February 2008
15:00**

Conference Room III, Building C, Vienna International Centre

In its resolution 62/217 of 21 December 2007, the General Assembly endorsed the recommendation of the Committee, that the topic of the 2008 industry symposium should be “Space industry in emerging space nations”, to be held during the first week of the forty-fifth session of the Scientific and Technical Subcommittee.

On the occasion of the Forty-fifth session of the
Scientific and Technical Subcommittee of the United Nations
Committee on the Peaceful Uses of Outer Space

Space Industry in Emerging Space Nations

Tuesday, 12 February 2008

The Symposium will address the role of the space manufacturing sector (satellites and their components, launchers, ground-support equipment) and the space service sector (applications, launch services, but excluding the value-adding businesses) in emerging space nations. Since the early 1980's several new countries have joined the established major space powers in developing capabilities for the production of satellites and launchers or at least for manufacturing some of their components. In most cases, these capabilities initially served institutional markets in which the customers are usually publicly funded institutions. Recently, some of these countries have begun to offer and successfully market the products of their space industries to world-wide customers, including commercial satellite operators and other country's space agencies.

The establishment of indigenous space industry capacities is a complex process, typically requiring years of preparation, building on initial basic space science activities and on first experiences with space technologies and their applications and on the strong determination and commitment of the relevant policy and decision makers. The motivations behind such efforts are manifold as are the expected benefits these countries hope to derive from these activities.

When entering the global commercial marketplace, actors in the space manufacturing and service sector are confronted with very specific challenges going far beyond the usual obstacles faced in other, more traditional export sectors. While the development of satellites and launchers usually remain the provenance of larger countries with the necessary economic and organizational capacities, there are commercial niche opportunities for specialized industries in smaller countries.

Presentations at the Symposium will assess the status of space industries in emerging space nations, the motivations behind their establishment, the challenges and opportunities faced in that process, their present role in the global market place and their potential for the future. Space industry representatives will share their experiences, including on cooperation and competition between space industry actors already well established in the commercial field and those that are just entering the market.

Chair
Ms. Mazlan Othman
Director, Office for Outer Space Affairs

- 15:00 **Opening remarks by the Chair**
- 15:10 **Space Industry of Emerging Space Nations in the Global Space Market**
Mr. Steve Boehinger (Euroconsult)
- 15:30 **IAF and its Role to Promote Space Industry Relations with Emerging Space Nations**
Mr. James V. Zimmerman (IAF)
- 15:40 **Building Indigenous Space Industry Capacities: The Indian Experience**
Mr. K. Radhakrishnan (ISRO/Antrix)
- 16:00 **Satellite Solutions in Emerging Countries**
Ms. Brunella Pavesi (Telespazio)
- 16:20 **Cooperation Between Space Industry in Established and Emerging Space Nations**
Mr. Gilles Maquet (Astrium SAS)
- 16:40 **From Space Science and Applications to Commercial Space Business**
Mr. Sias Mostert (Sun Space, South Africa)
- 17:00 **Discussion**