

# ARCHITECTURE STUDY PRESENTATION DAY

5 June 2007

9:30 to 16:00 hrs

ESTEC

Meeting Room: Newton 1

ESA is about to initiate industrial support studies for the analysis and development of European Reference Architectures for space exploration. The primary purpose of the development of the architecture models is to support long-term strategic and programme planning. ESA will organise a public presentation day on 5 June at ESTEC to provide relevant information on the context and conduct of the architecture analysis. The objectives of the presentation day are to present

- The latest version of the ESA architecture requirements
- Results of relevant past and current architecture studies
- Relevant ESA programmatic plans in the domain of launchers, crew space transportation systems, propulsion, human spaceflight capability development and robotics
- Details on the implementation of ESA architecture analysis.

Please confirm your attendance by email to : [Loren.De.Charon@esa.int](mailto:Loren.De.Charon@esa.int)

## Draft Agenda

### I Architecture Requirements

- Integrated objectives
- Architecture requirements
- ESA strategic design principles

### II Architecture Study Results

- ESA CDF studies
- Industrial studies
- Academic studies

### III Outlook of Future European Capability Development

- Propulsion
- Launcher strategy/ Next generation launch vehicle
- Crew space transportation systems
- Robotics
- Human spaceflight capabilities

### IV Future Architecture Analysis Implementation

- CDF model development
- CDF session planning
- CDF introduction session