CVA Summerschool

Call for Application!

8th Summer School of the Community of Ariane Cities
Heilbronn University
July 28 - August 24, 2007

Theme:
Next generation launcher: propulsion test facilities, launch pad, data management, quality environment and safety

Image courtesy of the European Space Agency - ESA

Focus on:
- Test facilities and launch pad systems engineering for next generation launch vehicle:
- new liquid propellants
- high performance engines
- economic aspects: investment, operating costs.
- Data acquisition and processing – real time control (GNC)
- telemetry management: test facilities – launch environment.
- Environmental, safety and quality assurance aspects:
- noise emissions - air pollution - risk mitigation.

The programme includes:
- Technical lectures by professors and space industry professionals involved in the Ariane launcher programme
- Intercultural teamwork and language training
- Professional visits, including to the DLR space propulsion test centre in Lampoldshausen
- Team work on the above theme "Next generation launcher"
- Cultural events and meetings with alumni from previous CVA Summer Schools
- Optional 4-day visit, to take place in December 2007, to the Guiana Space Centre, Europe's Spaceport and to the surroundings in Kourou, French Guiana.

Registration fees: 50 Euros for CVA member university students (1000 Euros for non-members)
Application deadline: 10 April 2007

Contact :
Please apply to the coordinating professors of the participating universities with a short essay and curriculum vitae in English.
(a minimum level of 3rd year in engineering)

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www.CVA-summerschool2007.de