

I.A.A. Commission III

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meeting date 16 October 2005 <i>date de la réunion</i>	ref./réf.	page/page 1	3
meeting place <i>lieu de la réunion</i>	Sun Palace SP3 room, Fukuoka, Japan	chairman <i>président</i>	Hans HOFFMANN/Horst RAUCK
minute's date 16 October 2005 <i>dates de compte rendu de réunion</i>	participants <i>participants</i>	Horst RAUCK (16-21 Oct.)/Hans HOFFMANN (16-21 Oct.), André VAN GAVER (16-21 Oct.), Peter SWAN (16 Oct.), Kuninori UESUGI (16 Oct.), William SIEGFRIED (16-21 Oct.), George LEVIN (16 Oct.), George MORGENTHALER (16 Oct.), Marcel POULIQUEN (16-21 Oct.), Claudio BRUNO (16-21 Oct.), Wendell MENDELL (16 Oct.), Tetsuo YASAKA (16-21 Oct.), Yasushi HORIKAWA (16 Oct.), Savi SACHDEV (16 Oct.), Christian SALLABERGER (16 Oct.), Harvey WILLENBERG (16 Oct.), Ernesto VALLERANI (16-21 Oct.), Roger LENARD (16-21 Oct.), Max CALABRO (16 Oct.), Junjiro ONODA (21 Oct.).	
subject/ <i>objet</i>	Progress meeting, according to the proposed agenda.	copy/ <i>copie</i>	

Agenda:

1. Commission III status (Members, study groups, objectives).
2. Status of Study groups (Composition, reports).
3. Status of VALENCIA preparation.
4. General discussions

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<p>1.Commission III status (Members, study groups, objectives). Mr. Horst RAUCK will replace Mr. Hans HOFFMANN as Commission III Chair at the Fukuoka IAC. Mr. Tetsuo YASAKA will replace Mr. Horst RAUCK as Commission III Co-chair. Mr. André VAN GAVER will remain Secretary. Mr. Hans HOFFMANN will remain in the commission as member. Mr. Christophe BONNAL is a new member. Mr. Lin Jin is a new member. Mr. Wendell MENDELL is remaining. Mr. Junjiro ONADA will replace Mr. Kuninori UESUGI. Mr. R. HOLDAWAY and Mr. M. MAROV will be asked if they want to participate more actively to the commission. Potential new members are Mr. Savi SACHDEV and Mr. Harvey WILLENBERG. The official number of commissioner members is ten. The study group leaders are part of the commission. The members who do not participate to two successive meetings will be replaced by more active ones. The composition of commissions is in the restricted area of the IAA Web site (user name and password can be provided by commission secretary) : http://www.iaanet.org/.</p> <p>2.Study group status.</p> <ul style="list-style-type: none"> o S3.1 Propulsion evolution and roadmaps. Next intermediate report within one year. o S3.2 Space Nuclear Propulsion and Power. Mr. Claudio Bruno will update the study report using the IAA format and give it to commission secretary who will update the IAA Web site. <ul style="list-style-type: none"> o The Nuclear propulsion study has been examined by the peer review. The peer review remarks have been transmitted to C. BRUNO on the 16th of October 05 to take them into account and to submit the final version by 16th December 05. The secretary will then send it to the peers and commission members for final comments by 16th January 06. This has been presented to the Scientific Advisory Committee on 16th October. An executive summary of around 11 pages is asked to the study leaders. o A plenary lecture or equivalent will be proposed by the study group for Valencia through the commission III secretariat. o A workshop may be envisaged in 2006. Details should be provided by the study leaders. o S3.3 Space Elevators: Mr. Peter SWAN reported that the study is well under way and will be available within one year. o S3.4 Infrastructure for Human Space Exploration. The study has a 		

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<p>year to go to be restructured. As of today, there is no money to finance it.</p> <ul style="list-style-type: none">○ S3.5 Earth Threatening Asteroids: Mr. Ivan BEKEY informed that he is ½ year late and will present his report at Paris in March 06.○ S3.6 Future exploration and commercial development. Mr. John MANKINS has provided the revised version of the study report and by the end of February 06, Prof. Ernesto VALLERANI and John MANKINS will present their final version. <p>Phase 2 of the study with additional members of the study group will begin immediately.</p> <ul style="list-style-type: none">○ A workshop on the subject could be organized after the Paris meeting in early summer 2006. John MANKINS will propose a title and its content and organization for the workshop. The place for this workshop could be Japan or Europe○ Mr. George MORGENTHALER has presented a mathematical model to evaluate scenarios and the results of the results of 3 preliminary cases. The study will make reference to this work. <p>3.Status of Valencia preparation. See website http://www.iafastro.org/</p>		