

International Academy of Astronautics (IAA)
Agenda of meeting - Study Group 3.24 "Road to Space Elevator Era"
5th meeting in Paris, France on March 21st, 2016



Date: Monday, March 21st, 2016

Time: 08:30 – 10:00

Place: IAA Meeting room (when you go in IAA building, you can find exact place)

International Academy of Astronautics

6 rue Galilee 75116 Paris, France

Chair: Akira Tsuchida (CM2), Co-chair: Peter Swan, Ph.D. (M4), David Raitt, Ph.D. (M4)

Secretary: Ms. Sakurako Takahashi

Agenda:

1. E-18M Activity Report: SG3.24 "Road to Space Elevator Era" Sakurako Takahashi
 - The first review of the Space Elevator Mission Definition Document (SEMDD) and the Space Elevator System Requirement Document (SESRD) was completed as the first step to define the Space Elevator Prediction Feasibility Index (SEPMFI).
 - A summary chart was drafted to show relationships between "Mission Definition", "System Requirement", "Critical Technologies" and "Verification". Reviews and comments from each SG3.24 member are requested.
 - For more detail, refer to the appendix 1.

2. Mission Definition comments review and Study Report (Draft 1 - template) of Study Group 3.24 "Road to Space Elevator Era" Sakurako Takahashi
 - Chair, Co-chair, and Secretary greatly appreciate the comments made to the draft of the SEMDD. The comments we have received were listed in the appendix 2.
 - The comments were reflected to the SEMDD, which is included in the first draft of our group's Study Report as Chapter 2.
 - The draft of the Study Report is shown in the appendix 3.

Contact Information:

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3. New Design for the Space Elevator

John Knapman

- Dr. Knapman is working on a research if it is possible to build a space elevator with currently available materials. The advantage of this idea is there is no need to wait for super-strong materials and the construction of a space elevator might be started much earlier than the current estimation.
- His presentation is attached as appendix 4.

4. Next Meeting Schedule

- The next meetings will be held in Seattle/USA in August and in Guadalajara/Mexico in September.