

SSETI WorkShop1

Monday 9 October (*mission objectives/preparation*)

09:00-17:00: Preparation for the workshop

- Explanation from the local Data co-ordinator on the different procedures (SDM)
- Possible lecture on system engineering, subsystem etc.
- Local discussion on the mission objectives.
- Defining of all options for the group's sub-system and gathering technical data on those options.
- Getting familiar with the Sseti Design Model.
- Preparing for session 1.

Tuesday 10 October (*Introduction+first iteration*)

09:00-10:00 Session 1:

- Welcome
- Introduction of Mr. Ockels (Importance of youth & space)
- Study requirements, plan, products
- SSETI mission objectives & requirements.
- Instruments, payload definition.
- Definition trade-off parameters (costs, reliability & availability)

10:00-16:00 Preparing for session 2

16:00-17:00 Session 2:

- Start of design iteration
- (Subsystem) concept options
- (Subsystem) requirements analysis and discussion.
- System issues.
- Update SDM

Wednesday 11 October (*Second design iteration*)

09:00-11:00 Start day 3: Preparing for session 3

11:00-11:30 Session 3:

- Selection (s/s) concept options
- S/C modes definition
- Update SDM

11:30-12:00 Session 3: Outreach objectives SSETI.

- Discussion on how to involve general public in SSETI with Prof. W. Ockels

12:00-16:00 Preparing for session 4

16:00-17:00 Session 4

- S/s preliminary design
- Update SDM

Thursday 12 October (*Third design iteration*)

09:00-11:00 Start day 4: Preparing for session 5

11:00-11:30 Session 5

- "Import" defined S/C operational modes

- Produce equipment list incl. margins and technology readiness levels
- Estimation of the different budgets (mass, power etc.)
- Update SDM

11:30-16:00 Preparing for session 6

16:00-17:00 Session 6

- Refinement configurations & subsystems
- Refinement budgets(mass, power etc.)
- Cost estimations
- Update SDM

Friday 13 October (*Final design iteration*)

09:00-11:00 Start day 5: Preparing for session 7

11:00-11:30 Session 7

- Complete equipment list (incl. unit dimensions, mass, power, position & constraints)
- Update SDM

11:30-16:00 Preparing for session 8

15:00-16.00 Session 8

- Tying up the lose ends.
- Update SDM

Additional comments:

18 October: Deadline for the sub-system presentations on the Internet

22 October: Deadline for the sub-system inputs for the workshop document (more info on format, table of content etc will follow later)

Sessions are teleconferences with an additional PC-interface.