Hugo: one satellite or a pair of satellites (2 facing constant angle, one takes more photos or by changing the attitude depending on orbit number). Looked at LIDAR, but way too expensive. Talks a bit about lidar and why it’s not adapted. He believes we should concentrate on stereoscopy. He has the code, doesn’t know which one it’s better. Magnetometers are hard. How hard to keep a constant attitude. Stereoscopy is 2 picture at the same place, either one done at point A, and another taken in another place with part of it overlaying. Distance between photos must be at least 60%. Otherwise 2 satellites. If impossible to keep constant attitude: orbit, pics at same place. Two pics at the same time, at least 10-15 cm. Angular field of view, depends on focal length and sensor size. Can put it on a boom? WE MUST KEEP IT COOLED DOWN, IT WOULD BE A LOT OF MONEY FOR INSULATION/COOLING + power required doubles. For stereoscopy need 1 reference point per photograph, to compare between 2 pictures. We know data is available but if it wasn’t put a small laser to achieve.

Maxime: need orbit, mechanical and requirements parameters. He has one node, will have to choose coating alpha and epsilon, to fulfil the T requirements. Already did the single node analysis, has thermal balance with radiation from planet and sun, internal dissipation put to 0. Check also cold case.