



The day produced several stage 2 sponges, as well as much fun and learning experience for the participants. Laura Taalman sent participants an email, calling for those who could come back to continue to build during the week, and also on the next weekend. Photos show some of the results.

Stage 0 takes 6 business cards to make (without the cover cards for a smooth surface); stage 1 takes 20 of the stage 0 cubes; stage 2 takes 20 stage 1's; stage 3 takes 20 stage 2's; and stage 4 takes 20

a) How many business cards are needed for each of stages 1 – 4? (Ignore the covers that make the

b) How much does each stage weigh (approximately)?

c) How many cards are needed for covering the outer surface (to smooth the surface) of each stage 1 -

d) How much weight has been added to the object by the covering cards at each stage?

5. Sponsors include Queen Mary University, Museum of Math, and the Manchester (UK) Science

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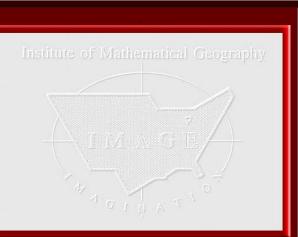












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Solstice was a Pirelli INTERNETional Award Semi-Finalist, 2001 (top 80 out of over 1000 entries worldwide)

One article in Solstice was a Pirelli INTERNETional Award Semi-Finalist, 2003 (Spatial Synthesis Sampler).

Solstice is listed in the <u>Directory of Open Access Journals</u> maintained by the University of Lund where it is maintained as a "searchable" journal.

Solstice is listed on the journals section of the website of the American Mathematical Society, <u>http://www.ams.org/</u>

Solstice is listed in Geoscience e-Journals

IMaGe is listed on the website of the Numerical Cartography Lab of The Ohio State University: http://ncl.sbs.ohio-state.edu/4 homes.html

Congratulations to all Solstice contributors.

Remembering those who are gone now but who contributed in various ways to *Solstice* or to IMaGe projects, directly or indirectly, during the first 28 years of IMaGe:

Allen K. Philbrick Alma S. Lach Donald F. Lach | Frank Harary | William D. Drake | H. S. M. Coxeter | Saunders Mac Lane | Chauncy D. Harris | Norton S. Ginsburg | Sylvia L. Thrupp | Arthur L. Loeb | George Kish |







