

**IDEAS** 04-6-27: Geothermal equivalent main source of energy on Mars?

04-6-27: Giant impact crater in S. Aegean (outer rim with Crata in S, Thra etc or central rise)?

04-7-5: Things that cause Cancer may in fact just interfere with ongoing body protection systems

04-7-12: Terahertz wand for mineral detection?

04-7-13: Pulsed/directed electro/magnetic fields to promote directed nerve regrowth?

04-7-17: Can the 'vector sums' (& later the 'vector compositions') of all the Asteroid Belt bodies be aggregated to give position/composition/paths of assumed protoplanets?

04-7-23: Pipe water from Antarctica via ocean-floor pipes (Temp ca. 2°C). Use heat from Mt Erebus etc?

**IDEAS** 04-6-10: 'Mammalian diving reflex' an indicator of 'Aquatic Ape'?

04-6-16: Teflon coating for ships to reduce drag, barnacle attachment, hence lower fuel use?

04-6-19: Graphite has electron clouds like a metal, use in thermocouples etc?

04-6-23: Elliptical orbits for space orbit webbing?

04-6-24: Water from Antarctica - pipeline from high up, aerogel insulation, undersea to AWT? (Gravity feed)

04-6-26: Solutions to Third World debts is to swap debt for equity. Paradoxically, this gives local govt more control, but less as owners can be fined etc for law breaking

**IDEAS** 04-5-29: Improve on radio, power absorption etc by electric flying (ca 12V)

(maybe higher for special use of space magnetsphere propulsion) Also, power radio (telecom) dishes?

04-6-3: Power clothes hairs (color, wind...?) to speed drying

04-6-3: How do thermocouples work? Is it higher temp speed up motion in electron clouds creating higher 'electron pressure' at one end, causing electron flow? Same as Peltier effect (?) cooling? (Can above be maximally increased, turned into commercial power?)

04-6-3: 83% of precipitation falls on the ocean only 17% on land (RAF Andly Short Coastal Studies Unit, Univ. of Gilling)

04-5-18: "Earth started off with molten surface" - any evidence of this?

04-5-20: Bedwitters as mode of school etc security

04-5-20: Use 'spray-on-skin' adaptation for an industrial coating?

04-5-25: How long does it take for a thundercloud to form? Would tracking one show if solar wind involved?

04-6-10: Antigraffiti glass coating applied to surfaces then fused with laser, microwave waves?

**IDEAS** 04-5-12: Try and find age of Mediterranean drowned 'lake bedrock', see if flooding = origin of 'Atlantic'?

04-5-18: Are penguin descended from flighted birds? Anatomy check should indicate. (2) Why don't penguins freeze the bottom of their feet? Maybe a good antifreeze mechanism/substance there.

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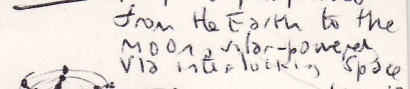
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**IDEAS** 04-4-23: 'Peristaltic pumps' to pump water from the Earth to the Moon via interlocking 'space webs'?



04-4-26: Photos only 6000 km above Mars' surface - good for a space web? (orbit ring)

04-5-7: Social or memory inoculation equivalent to achieve behavioural outcomes w. civi.

04-5-9: Variation of air density with altitude - what is low? what is atm pressure at Dead Sea, down S. Afr. mines?

04-5-9: Any evidence of rock creep in S. Afr. mines (3 km down?)

04-5-11: Large green optical fibre links of closed circuit TV for bank tellers etc?

**IDEAS** 04-4-1: Use disguised, solar-powered satellite phones in surveillance sites (e.g. Pakistan, Afghanistan borders) for seismographs

04-4-7: Raise fruit prodn in raised beds by adding charcoal chunks to soil mix? (av. 50cm high)

04-4-9: Charcoal in Terra Preta yes, but in hydroponics?

04-4-10: Analyse moon rocks from near orbit by spectral analysis of intense laser bursts on night side?

04-4-20: Optical fibre cable to melt Antarctic ice? As outer sheath of water-return pipe?

04-4-25: "straw-section" magnets for orbital lifts, or other uses on Earth?

**IDEAS** 04-3-20: Electric arc lights drive for a generational improvement?

04-3-23: Covering round bed, underwater trees with plastic would allow almost complete irrigation control. If plastic white (or silver) would also improve light incidence.

04-3-26: Orbit rings OK for Mars, Moon & other planets esp. with thin atm & phases?

04-3-31: Keep small remote electric devices eg smoke alarms charged by integrated photo cells, supplemented by optical whiskers?

04-4-1: What is the mechanism by which crystal sizes in glaciers increase 100 times, start to finish? Is a similar mechanism operating to give large-crystal granites, of diorites?

**IDEAS** 04-3-9: Engineered & renew as industrial/general coating?

04-3-10: The 'Infocap Volcano' - fill it chock full in a confined space and some sort of breakdown can be expected (eg concentration of people in a capital?).

04-3-12: On tree banks with under-ground irrigation, cover soil banks with black plastic to reduce evaporation and eliminate weeds?

04-3-14: Is the world order & connectivity information in Google and the more human-like translation between languages to be achieved?

04-3-16: Use super-critical CO2 for rare-metal extraction from ore or waste. (See SCI-Supercritical CO2, nuclear.)

