

**IDEAS** 06-3-4: Do Jupiter & Saturn show near-motion resonance. (ie ratio of orbital times a proper fraction)

06-3-5: Vast inflated domes, mushroom heads &  $1/2$  Mars pattern for desert horticulture?

06-3-14: What is the origin of hydrogen bonding? Is there a basis for a new view of matter there?

06-3-15: What is the mechanism by which gas molecules in an atmosphere radiate away heat/ir or other emf? How do solids do it, leaving them with less energy?

06-3-28: What causes higher refractive index (= lower velocity of light) in some substances? Where does energy go?

06-4-1: Short-range dots reflection chips inside gas, electr. metallic etc activated by polling signal from road?

**IDEAS** 06-1-30: Micronized zinc to make paint more reflective? (or was it?)

06-1-30: Adjust satellite orbits with cable-attached 'leaders' (higher orbit) or 'followers' (lower)?

02-2-4: Use giant balloons (with Hz or He? or air?) to 'lower' objects from orbit (large surface area should slow down object without ablation)

06-2-6: Global warming really due to land deserting?

06-2-6: How do mitochondria reproduce? Purine

06-2-12: Calculate surface atmospheric pressure (and gravity) on a half-size Earth ( $\approx 10$  atm)

06-2-21: Sand/soil pumping or conveying on excavation, divide vites?

06-2-22: Mining etc wildos operated by 'cheap, overcost labour' - even skilled jobs, engineers

**IDEAS** 06-1-7: Is global warming (?partly?) caused by reduced cloud cover leading to a slight decrease in albedo?

06-4-9: Why is hair not dissolved by human digestive system (? other systems?), and how can that be used? Implies that no hair or hair not be ineffective?

06-1-12: Can synthetic atoms be used instead of platinum in eg fuel cell catalysis?

06-1-12: Is there a potential fuel cell breakthrough with (perhaps naturally) highly-puritized  $H_2$  &  $O_2$  supply?

06-1-14: Can high-pressure  $H_2$  be conveniently stored in water or a jiggled salts solution? (cf H<sub>2</sub> water)

06-1-16: Directly electrolyze the water in clouds with solar electricity to produce hydrogen in situ?

06-1-16: Key to hydrogen/fuel-cell vehicle refueling: snap-in modular pressurized  $H_2$  cylinders?

**IDEAS** 05-12-21: Combat tornadoes with 'anti-tornado' of opposite spin?

05-12-22: Purposely 'chimerize' for medical purposes, eg replace non-sensitive skin cells by resistant ones, or part of natural cell replacement cycles. Are 'cancer' cells a type of chimera-set replacement?

05-12-28: Do humans, elephants etc with water nearby have s.g. closer to 1.0 than non-water creatures, & aid floating?

06-1-1: How do ants tell if other ants are from a different nest? must be genetic-level detection

06-1-5: It seems to me that there are no intrinsic 'fault' lines in geology - fault lines occur as, and where, as a consequence of rock forces

06-1-7: "S105 slow down infocap deconstruction"

**IDEAS** 07-4-11: Is a reversal in the Earth's magnetic field likely to cause major problems during the reversal (maybe overdue?) with impact by charged particles from space?

07-4-18: If  $CO_2$  greenhouse effect was true 2 adjacent domes filled with  $N_2$  and  $CO_2$  should show higher temp in the  $CO_2$  one (experiment test)

07-4-18: Asteroid belt, really the remains of a former planet? If so, what was its mass? Disrupted by Jupiter's gravity? What is the mechanism? If relatively stable, would degenerate matter come go quickly to iron? (if it had one). What's the break-up mechanism?

07-4-18: If gravitational forces caused the Moon to slowly face the Earth (mechanism?) then Pluto & Charon might both be locked then Pluto & Charon might both be locked facing each other.

07-4-22: Warming houses etc! Just sink a bore to depth in earth where a bore temperature found (maybe  $< 100$  m), cut out holes for tank, pipes etc & add heat with house.

**IDEAS** 05-11-16: Wind turbines on vacuum balloons anchored in prevailing winds/jet streams?

05-11-24: Is sweet potato native to Phil.ippines/PNG or well as S. America? (Ref: Diamond)

05-11-27: Ideas (memes) the equivalent of (germs) in 'conquering' naive/undeveloped people/nations?

05-11-29: Duplicate lock/key by scanning conformation inside with optical fibre camera?

05-12-3:  $CO_2$  (mw=44) should 'pool' at bottom of atm sphere, while  $CH_4$  (mw=16) should go to top - opposite positions for global warming!

05-12-8: Is the atmosphere expanding with extra greenhouse gases? or thinning with Earth expansion?

05-12-15: Have a 'vacuum tube' for a great big vacuum balloons to carry fruit, leaf cans?

**IDEAS** 05-9-29: Make way on static exchange with weather-type heuristic neural networks, perhaps based initially on actual successful operators?

05-10-11: Redshifts in cosmic ray photons/particles? Origin of cosmic rays, really?

05-10-20: Giant 'bore' floating wheel

05-10-22: Buoytubes for  $H_2$  adsorption in fuel tanks etc?

05-11-8: Spectral of very distant stars can't be similar to close ones (=visible) because must be red-shifted out of visible. If visible & distant, what is their origin?

**IDEAS** 05-8-30: Condition people for disease/allergy resistance with selected blood cell introduction?

05-9-2: Does temperature increase with depth at Mars surface? If so, why? If so, use for hosting habitats?

05-9-8: pump  $\rightarrow$  Earth clay  $\rightarrow$  'closed dams' by excavating into clay, filling 'swimming pool' with gravel/sand coping with earth, and cultivating pump in a bottom of pit?

05-9-13: Some form of v. thin glass/quartzite layer or anti-radiati.

05-9-16: Can root pruning induce better fruiting etc?

05-9-18: Individual boreholes to water table for postwarms orchards etc?

