

**To:** Jeffrey Epstein[jeevacation@gmail.com]  
**From:** Barnaby Marsh  
**Sent:** Fri 8/14/2009 6:39:22 PM  
**Subject:** RE: first pass

Replies IN CAPS below...

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**From:** Jeffrey Epstein [mailto:jeevacation@gmail.com]  
**Sent:** Tuesday, August 11, 2009 4:57 PM  
**To:** [REDACTED] John Brockman; [REDACTED]  
**Cc:** Barnaby Marsh; [REDACTED]  
**Subject:** first pass

I intend to fully fund the following gatherings ( meetings with lots of interaction hikes coffee. cross pollination ) over the next year

1 Evolutionary Code dynamics.. a brand new field that encompasses, game theory, virus dynamics, (both computers and biological). , cryptography , and genetics. (GOOD TOPIC! BIGGEST PROBLEM IS THAT IT IS HARD TO FIND PEOPLE WHO ARE BRIGHT ENOUGH, BUT GO FOR IT!!!)

2. Synthetic General Intelligence.. encompassing, signal processing, statistical and machine learning, virtual world robots. new programing architecture. Ants termites wasps. (ISSUES HERE INCLUDE PROBLEMS IN "DEEP" PATTERN RECOGNITION, ANTICIPATORY EVOLUTION, AND WHAT "OPTIMIZATION" REALLY LOOKS LIKE. NICE!)

3 Conference on Power -- Its definition political financial,intellectual , physical, includes reputation, awe, trust, deception, reciprocity. - how it is used, why it is sought, group selection and behavior. (ONE MIGHT LOOK ALSO AT EMERGING TECHNOLOGY INCLUDING THE GROWING INFORMATION COMMONS, CONTROL OF THE MASSES VIA TECHNOLOGY/COMMUNICATIONS, AND IMPLICATIONS FOR THE POSSIBILITIES (AND DANGERS) OF "VIRTUAL DEMOCRACY".)

4, The World Financial system .. is it archaic (YOU'VE GOT THIS RIGHT. YET, LOTS IN THE ECONOMY IS BASED ON ASSUMPTIONS, AND SOME OF US STILL KEEP LITTLE LUMPS OF AN ARCHAIC RELIC [PHYSICAL BULLION] NEARBY FOR UNUSUAL TIMES), can you use the Internet to create anew model, social, repercussions. what is value, worth , mark to market, what is money, the new debt. computers and their effect on the system - including unemployment. Markets and sophisticated derivatives.

5. The power laws --their derivation and possible implications. zipf pareto etc... scaling . metabolism , human trait distributions ( including intelligence), the ecology of economic systems. their geometric equivalents. (GOOD)

6. Why happiness is overrated. -- cultural definitions contentment fulfillment, , narcotics, hallucinogens, psycho-pharmaceuticals – (HMMM. I THINK THAT YOU ARE MISSING A LOT HERE. MORE PRODUCTIVE MIGHT BE MASTERY OVER THE INDIVIDUAL MIND- AND FOR SOCIETY, THE PROMISE OF EMOTIONAL MOTIVATION AND

COORDINATION OF THE GREAT MASSES VIA "SPIRITUAL" IDEALS. CAN BE VERY, VERY POWERFUL. BELIEFS SHAPE CIVILIZATION. TODAY THIS IS DONE IN A VERY PRIMITIVE WAY VIA ADVERTISING AND THE REINFORCING PROPERTIES OF CONSUMPTION AT DIFFERENT LEVELS OF MASLOW'S PYRAMID OF NEEDS. WE NEED NEW MODELS OF HAPPINESS, PERHAPS?

7. Music and the Brain. is anticipation -resolution , rhythm vertical and horizontal (melody) harmonies an insight into the structure of the brain.

-- core participants

1 martin novak, avi wigner. corina , church, nathan wolfe, lander , eres leiberman rep of NSA ,stodden 2. shank, minsky, bratenburg, kotik- goertzel , , 3. , george mitchell. chud barak, tony blair larry summers, bloomberg. celebrity, sports star. 4. nathan mryvold, hillis, lloyd, jes staley, jamie dimon. henry jarecki, 5.. murray gellman, Geoffrey west, howard gardner, differential geometrist 6. marty seligman, richard axel, steve kosslyn, 7. mark tramo, , tony demasio, gerald edelman ,

(WHEN I GET ANOTHER MINUTE I WILL TRY TO ADD SOME NAMES....)

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