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**From:** [REDACTED] on behalf of Ed Boyden [REDACTED]  
**Sent:** Friday, July 5, 2013 6:01 AM  
**To:** Nowak, Martin  
**Cc:** Neil Gershenfeld; Whitfield Diffie; Jeffrey Epstein  
**Subject:** Re: fun

7/28 would work great for me. 7/27 I'll be driving up from Woods Hole in the morning (I'm giving the Friday night lecture the evening before), but could join in around mid-morning.

Ed

On Thu, Jul 4, 2013 at 3:41 PM, [REDACTED] wrote:

> ed, neil, whit,  
>  
> i just talked to jeffrey.  
>  
> we could organize a brief one day event at harvard, at my institute  
> (one brattle square).  
>  
> jeffrey suggested 27 or 28 july.  
>  
> would this work for you?  
>  
> i will also try to get a few others.  
>  
> best wishes  
> martin  
>  
>  
>  
>  
>  
> On Jul 4, 2013, at 9:00 AM, Jeffrey Epstein wrote:

>  
> What I would like to explore/fund, is the premise that biological ,  
> cellular, neuronal, signals are all highly encrypted, and the possibility  
> that each entity has its own unique encoding algorithm. Where Mathematics  
> has no need for protection, Biology and its agents on the other hand  
> consists of fundamentally merely helpless prey without a system that  
> protects them from the free -energy seeking predators in their  
> environment, I wonder whether the chemical signals in biology along with  
> their ,topological , electrical and maybe quantum characteristics (   
> isotopes) could be teased apart using the same type of advanced  
> signal analysis used for code breaking ,possibly including a temporal  
> component . My thought is that the current mappings of brain  
> activity , and cells are merely reading a complex ciphertext, and  
> therefore at least for now, are of little value.  
> Martin is thinking about the origin of evolution. Do physical systems

> evolve or only biological ones.  
> Neil is determined to make things . and things that make things and  
> basic components to make anything ( man made molecules ) Ed is  
> mapping individual brain cells using opto genetics.  
> Whit has thought a great deal about encryption  
>  
> \*\*\*\*\*  
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Ed Boyden, Ph. D.

Leader, Synthetic Neurobiology Group

Associate Professor, MIT Media Lab and McGovern Institute, Departments of Biological Engineering and Brain and Cognitive Sciences Co-Director, MIT Center for Neurobiological Engineering AT&T Chair, New York Stem Cell Foundation-Robertson Investigator, and Paul Allen Distinguished Investigator MIT, Room E15-421, 20 Ames St., Cambridge, MA 02139 office

```
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  <integer>0</integer>
  <key>date-received</key>
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