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**From:** Lawrence Krauss [REDACTED]  
**Sent:** Thursday, September 24, 2015 6:43 PM  
**To:** Noam Chomsky  
**Cc:** jeffrey E.; valeria.chomsky@gmail.com; Lawrence Krauss  
**Subject:** Re: the dialogue  
**Attachments:** Patterns Workshop Visiting Participants.docx; Untitled attachment 00155.htm

Hi.. here is some info from the invite letter which came from Mark Mattson, Chief of Neurosciences at Johns Hopkins, who is one of the organizers, along with Eric Horvitz, from Microsoft.. :

"The Origins of Pattern Processing workshop will explore the evolutionary, neurobiological and societal foundations of advanced visual and auditory pattern processing. This will involve short presentations and extended discussions by experts from disciplines ranging from neuroscience and evolutionary biology, to psychiatry and artificial intelligence. Specific topics include 1) the evolution and adaptive value of pattern processing capabilities; 2) how nerve cell circuits that process patterns are formed during brain development and modified by experience; 3) the neurobiological underpinnings of advanced pattern processing capabilities such as map-making, language, art and mental time travel; 4) the mental fabrication of non-existent entities such as gods and ghosts to explain poorly understood natural events; 5) aberrant pattern processing in psychiatric disorders and in potential artificial intelligence; 6) designing computers and robots to mimic or complement the superior pattern processing capabilities of the human brain; and 7) the implications of a better understanding of the brain's pattern processing mechanisms for the future of computing and the future of our species. "

There will be a public great debate event also, called. Creativity to Madness: Mental Processing in Human and Machine brains

You are welcome to attend and be a participant in both, either etc.. Here was the initial invite list.. it has changed since this one was sent out but it gives you an idea of the breadth of participants.... some of these people can't come, some other names added.. Most have accepted, including Christoph Koch.. we are probably adding some machine intelligence people..

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