
From: peter tedder
Sent: Wednesday, May 8, 2019 9:08 AM
To: ai_standards
Subject: RFI: Developing a Federal AI Standards Engagement Plan

Dear NIST members,

In 2018 while attending The New Hampshire Joint Engineering Society Conference, one of the guest speakers, Mr. Jim Isaak, President Emeritus of the IEEE Computer Society, Past VP of the IEEE Society on the Social Implications of Technology and an expert in AI technology, spoke to the organization about the dangers of AI.

Mr. Isaak related that AI is one of the 4 greatest threats to Mankind's continued existence. In the wrong hands or misused it may irreparably alter the future of mankind and place us on a path of destruction.

Section 1(d), Section 2 (d) and Section 6 (d) of the Executive Order as identified in your federal register posting of 05/01/2019 all reference "trust worthiness" and "public trust". If the goal is to develop public trust in AI technology then there must be transparency in all use of the technology. My one contribution to managing the AI threat is to suggest that all material, visual, audio, printed, statistical data for display, public viewing, public polling, public information, entertainment, generated, gathered, developed with or based upon AI technology must be labelled as such with a specific visual identifier or logo. The identifier could be as simple as a prominent AI logo that must be applied and appear in all cases where AI is being used or presented in any form. The logo should be present and visible throughout the AI generated visual or written material. An audible warning about audio AI generated material should be included at regular intervals throughout an AI generated broadcast or presentation. The gravity of damage that could be caused by the misuse of AI technology is so great that failure to include the mandated logo or audio cue should be punishable as a felony.

Please understand, the scenario that AI in combination with robotics will reduce us all to grey goo as an electrolytic energy source is not the greatest or immediate concern. The greater danger is that AI will be used to sway public opinion by creating false scenarios and events. The convincing graphics generated by AI could be used to garner public support for a policy or military action simply by generating false news reports. With AI generated actors, AI generated victims and AI generated locations, real witnesses to the events wouldn't be necessary. All the necessary and convincing visuals could be generated artificially with the intent to push a certain narrative of events. This could have disastrous consequences for our nation, our way of life and our freedom. An AI logo requirement on all public and private media should arouse skepticism so viewers/recipients can truly evaluate the validity of information they are receiving.

Additionally, AI generated forgeries and fakes could be very hard to discern. An A-political special panel of AI, computer and computer forensic experts should be formed to investigate suspicious instances when AI may have been used without the proper logo. Investigators should use their specialized skills to determine if an unlabeled AI forgery or fakery has occurred and investigators should also try to determine the motive behind the AI deception.

Artificial Intelligence may be key to many improvements in the human condition however, we can not allow AI to be used for deceptive purposes. Measures must be taken to avert this possibility. Those who attempt to dupe the public with AI generated deceit must be vigorously pursued and face the harshest punishments that can be meted out. If AI is the future, it must be handled with the utmost integrity.

Best regards,

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