For the purpose of informing interested University of Tennessee-Knoxville faculty, please be aware of the following opportunity. Please note that the other recipients of this announcement could be potential collaborators on this opportunity.

DARPA-BAA-10-61: Transformational Convergence Technology Office BAA

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
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<tr>
<td>Letter of Intent to Agency</td>
<td>No</td>
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<tr>
<td>Proposal to Sponsored Programs</td>
<td>02/28/2011</td>
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<td>Submission to Agency</td>
<td>03/07/2011</td>
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<td>Estimated Total Funding</td>
<td>TBD</td>
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<tr>
<td>Anticipated No. of Awards</td>
<td>Multiple</td>
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<td>Cost Share</td>
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The Transformational Convergence Technology Office (TCTO), Defense Advanced Research Projects Agency (DARPA), U.S. Department of Defense, is soliciting proposal abstracts and full proposals which investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that results primarily in evolutionary improvements to the existing state of the art. TCTO seeks unconventional approaches that are outside the mainstream, undertaking directions that challenge assumptions and have the potential to radically change established practice.

Solicitations are sought in the following areas:

- Analysis, modeling, and prediction in complex networks, including (but not limited to) social networks, encompassing concepts such as crowd-sourcing, strategic communications, and quantitative social and behavioral sciences
• Engineered biosynthesis of novel materials and objects, including synthetic biology, biosynthesis of chemicals and materials, biosensors, bioengineering, and novel approaches to material manufacture

• Non-human intelligence concepts as applied to robots, animals, and other collaborative systems including sensing, training, architectures, and novel automated systems

• Resilient computing systems concepts including robust, evolvable, widely available, high-performance computing systems and networks, and new approaches to cyber defense and cyber-resilience

• Mobilization of communities to address important national and international problems, including incentive schemes and potential educational applications

• Challenges and open competitions to advance science and engineering in Defense related areas

Proposers are strongly encouraged to submit a proposal abstract in advance of a full proposal. Proposal abstracts are to be submitted through the Sponsored Programs Office. DARPA will respond to proposal abstracts with a statement as to whether DARPA is interested in the idea. Regardless of DARPA’s response to a proposal abstract, proposers may submit a full proposal.

To find more opportunities from this agency, please see here.

For detailed information about this opportunity please see the full solicitation. Please contact Sponsored Programs (4-5066) with questions regarding proposal submission requirements.
If you have any questions regarding this announcement, please contact:

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