“Fate Rarely Calls Upon Us At A Moment of Our Choosing” – Optimus Prime

Sponsored by the Georgia Department of Education and the CTAERN Network

October 20-21, 2014
Classic Center
300 N Thomas St
Athens, Ga 30601

Forum Strands

- Increasing participation of women and minorities in STEM
- STEM Project, Problem, or Place-Based Education
- Integrated STEM instruction
- Increasing rigor and relevance in STEM
- Business/Community/Post-Secondary Partnerships
- Effective STEM technology integration
- STEM Competitions

Early registration of $150 ends Sept. 19, 2014. Late/onsite registration fee=$165

Registration
http://goo.gl/XpnMgO

Exhibit
http://goo.gl/30BuLz

Call for Presenters
http://goo.gl/IvCOJ9
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<th>Keynote Addresses &amp; Premier Workshops</th>
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<td><strong>Lunch- Monday, Oct. 20th</strong></td>
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<td><strong>Dot Harris-US Department of Energy</strong></td>
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<td><strong>Director, Office of Economic Impact And Diversity</strong></td>
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<td>LaDoris &quot;Dot&quot; Harris was nominated by President Obama to be the Director of the Office of Economic Impact and Diversity at the United States Department of Energy. She was confirmed by the U.S. Senate on March 29, 2012. Ms. Harris brings nearly 30 years of management and leadership experience to this position, having served at some of the world’s largest firms and leading a successful energy, IT, and healthcare consulting firm. Serving at an Assistant Secretary level position at the Office of Economic Impact and Diversity, Ms. Harris leads the Department of Energy’s efforts to ensure minorities and historically underrepresented communities are afforded an opportunity to participate fully in our energy programs. Ms. Harris oversees a corporate funding strategy for minority institutions, develops the current and future Departmental workforce, works closely to develop small business contracting opportunities at the Department, and protects the civil rights of Departmental employees and recipients of funding from the Department. Ms. Harris holds a B.S. in Electrical Engineering from the University of South Carolina in Columbia, South Carolina and a M.S. in Technology Management from Southern Polytechnic State University in Marietta, Georgia. <a href="#">Read more</a></td>
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| **Lunch-Tuesday, Oct. 21st**        |
| **Ken Wesson-Educational Consultant/Neuroscience** |
| Kenneth Wesson is a former college and university-level faculty member and administrator. He delivers keynote addresses on the neuroscience of learning for educational organizations and institutions throughout the United States and overseas. His audiences range from early childhood specialists to college and university-level educators. His international audiences have included educators and administrative officers from six of the world seven continents. His research is frequently published and referenced in *Parents Magazine* and the journal *Brain World*. Wesson regularly addresses educational organizations, counseling associations, school districts and parenting organizations on the subject of “brain-considerate” learning environments. In addition to his speeches on the neuroscience of learning, Wesson speaks on the subjects of early brain development, design and engineering, STEM and STREAM, contextual learning, and curriculum development. Wesson also serves on the advisory board for the Korean Institute of Brain Science. |

**Sponsored by Texas Instruments**

**Sponsored by School Specialty & Delta Education**
## Premier STEM Workshops

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<th>Dr. Cindy Moss</th>
<th>Dr. Johannes Strobel</th>
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<td>Director of Global STEM Initiatives for Discovery Education</td>
<td>Director for Educational Outreach Programs, College of Engineering &amp; College of Education, Texas A&amp;M University</td>
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A nationally respected thought leader in STEM education and reform, Dr. Moss brings over 21 years experience in district leadership, classroom instruction and inquiry based learning to her work as a champion for STEM engagement and career & workforce readiness.

Dr. Moss is a sought-after speaker on the topic of student engagement through STEM and was selected by the National Science Foundation to serve on the federal commission, which created the “National Action Plan for Addressing the Critical Needs of the US Science, Technology, Engineering and Mathematics Education System.” In 2012, Dr. Moss was recognized as one of the top “100 Women in STEM.”

Prior to joining Discovery Education, Dr. Moss served as Director of PreK-12 STEM Education for the Charlotte Mecklenburg School system, the 17th largest district in the US. Dr. Moss moved into this role after 21 years as a classroom teacher, where she received numerous awards for excellence including RadioShack’s National Teaching Award and the Milken National Educator Award. Dr. Moss has a BS in Zoology from UNC-Chapel Hill where she was a Morehead Scholar, a Masters in Science Teaching from Syracuse University and a Ph.D. in Science Curriculum and Instruction from Curtin Institute of Technology in Perth, Western Australia.

### Sponsored by Discovery Education

### Dr. Johannes Strobel

Director for Educational Outreach Programs, College of Engineering & College of Education, Texas A&M University

Dr. Johannes Strobel is Director, Educational Outreach Programs and Associate Professor, Engineering and Education at Texas A&M. After studying philosophy and information science at three universities in Germany, he received his M.Ed. and Ph.D. in Learning Technologies from the University of Missouri-Columbia. He worked at Concordia University, Montreal and has been the director of the Institute of P-12 Engineering Research and Learning at Purdue University. NSF and several private foundations fund his research.

His research and teaching focuses on engineering as an innovation in P-12 education, policy of P-12 engineering, how to support teachers and students’ academic achievements through engineering, the measurement and support of the change of ‘engineering habits of mind’ particularly empathy and the use of cyber-infrastructure to sensitively and resourcefully provide access to and support learning.

### Sponsored by ETA Hand-to-Mind