November 2015: Writing With an Emphasis on Science
Deadline April 1, 2015

Both the Framework and Common Core emphasize the importance of writing in science. A major practice in science is the communication of ideas and the results of inquiry in laboratory notebooks, published texts, and peer discussions that support the formulation of ideas. Writing is one of the primary means of communicating in the scientific community. Young children can begin by providing labels or simple sentences that describe their observations. They can also provide evidence from their data recordings to support their arguments. The science and engineering disciplines have specialized ways of communicating—students should experience the way communication in science differs from more casual written and spoken dialogue. Some of those experiences might include:

- Speaking and writing with the use of tables, diagrams, charts, drawings, models, mathematical representations, and other visuals.
- Precision in the description of observations; clearly expressing thoughts that support statements; and detailed, supported justification of arguments.
- Science writing infused in several genres—in both fiction and nonfiction.

(NGSS: [Communicating information] and the Framework)

December 2015: Earth’s Place in the Universe
Deadline May 1, 2015
Young children are able to detect patterns of movement in the sky. They make first-hand observations, describe the movement, and base predictions on the information they have collected. In the progression of learning, students learn more about the rotation of Earth, its relationship to the Sun,
and its place within the solar system. This helps them develop a sense of Earth’s place in the universe, motion, and time. In many situations we must rely on research and observations made by others to understand Earth’s position and its rapid and slow events. In other situations we can study models, fossil evidence, or patterns found in nature that indicate these events. Core ideas and practices include:

- Some Earth events occur with regularity while others are based on factors that influence occurrences that are not regular and are less predictable.
- Some Earth events occur slowly while others are rapid.
- Representing data through tables and graphical displays can help uncover and analyze patterns; cause and effect; scale, proportion, and quantity; and systems and system models.
- Analyzing and interpreting data, whether collected first-hand or through research, can help students understand Earth’s changes that have occurred over time, Earth’s relationship to our Sun, Earth’s rotation on its axis, and causes of observable patterns.

(NGSS: ESS1)

**February 2016: STEAM = Science, Technology, Engineering, Art, Math**

**Deadline August 1, 2015** Part of the points used in support of Science, Technology, Engineering, Art, and Math (STEAM) as a part of our curriculum is that art brings in the qualities of creativity and innovation. These two elements are major factors in a country’s prosperity and serve as a hook to get children more engaged in science, engineering, and math. What may come to mind initially when considering art is the visual arts—painting, sculpting, and drawing—but movement, music, acting, and other art forms are also important to consider. The difficulty in creating learning opportunities within the STEAM context is assuring the integrity and learning of all components. Simply drawing a picture of something observed may not be the optimum manner in which the STEAM connection can be made. Incorporating greater rigor and abstract thinking can build understanding. An art lesson without the STEM or a science lesson without the TEAM is not what STEAM is about. Consider the following statements concerning STEAM as you create your manuscript:

- The arts reinforce or strengthen learning in the STEM field and STEM strengthens the arts.
- STEAM allows for teachers to teach and students to learn in nontraditional ways. But learning must be assessed and validated.
- Connecting the arts to STEM can bring clearer meaning to abstract ideas.
- The entire teaching team may become involved in creating STEAM opportunities with important contributions by the art, music, PE, and classroom teachers; each specialty is recognized and contributes to the plan. But, teachers must learn all of the components of the STEAM curriculum components to support one another.
- STEAM can build stronger and more cooperative student teams with each student contributing through their strengths and building on the success of the group.
- STEAM involves using the whole brain. The whole brain is needed to foster and strengthen creativity and innovation. The "left" side of our brain is the logical side and supports learning facts and deducing logical answers while the "right" side deals with perceptual thinking and supports creative and instinctive thinking.
Dear IFCA Colleague,

I am pleased and delighted to share with you the possibility of the opening opportunity to participate at the next HORIZON 2020 call. As a tenured professor at Gabriele D’Annunzio University, I am contacting you to share this opportunity to create a collaborative network among our universities.

I am pleased to invite your University to become our partner to support and co-sign our project for Horizon 2020. The project my team and I are designing belongs to the YIELD Call, an acronym for (Young Intellectual European Leaved Denizenship), which is focused on identifying and indicating the key variables required to match the challenges and opportunities of globalization, circulation and use of multidisciplinary knowledge required by the EU and by the global markets. Spread a new idea of European citizenship is fundamental to implement fully the emerging United Europe by selecting/reconfiguring its models: neofunctional, institutional, federal, intergovernmental and supranational ones. A new European Citizenship would be on the books only if not adequately modelled, promoted and diffused. To do this it is important to design communication strategies that can effectively reach the target audience(s) thus, the project is targeted on young people, the engine of social change, to promote a shape of citizenship that will break down barriers and increase an aware social mobility, free circulation a wider, larger scale policy vision.

In this regard, I am delighted to invite you to join our coevolving international academic network of partners by signing a bilateral agreement between my University, "G. d’Annunzio" University of Chieti-Pescara, Italy, and yours. Please note that this agreement is addressed only to EU Universities (except Italian ones).

I wish this project will excite you as it is exciting my team and me and to welcome you aboard soon.

My best regards
Prof. Andrea Pitasi
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IOC wins Prize of Tolerance 2015 for promoting solidarity and tolerance

The International Olympic Committee (IOC) has been awarded the Prize of Tolerance 2015 by the European Academy of Sciences and Arts. IOC President Thomas Bach today received the Prize in Vienna (Austria) from the President of the Academy, Professor Felix Unger.

The Academy said that the Prize is in recognition of the IOC’s many accomplishments spreading peace and goodwill since its foundation in 1894. The Academy stressed the inclusiveness of the Olympic Games and the importance of sport for society. It also commended the IOC on Olympic Agenda 2020, the strategic roadmap for the future of the Olympic Movement currently being implemented, for addressing several issues of global importance. It noted that Olympians continue to be leading role models in the fight against inactivity and child obesity.

Commenting on the announcement, the IOC President said: “It is a great honour for the IOC to receive this award from the European Academy of Sciences and Arts. Former recipients include great men, women and institutions, and we are pleased that the role of sport in society is being acknowledged in this way. This Prize means a lot to us as we promote the values of tolerance and peace through sport on a daily basis. Today, more than ever, we need sport to build bridges between people,” he added.

Composed of famous European scientists and artists, the European Academy of Sciences and Arts has been awarding the Prize of Tolerance to personalities and institutions since 1997. Former recipients include the International Federation of Red Cross and Red Crescent Societies (2000); Giandomenico Picco (2005), the personal representative of Secretary-General Kofi Annan for the United Nations Year of Dialogue among Civilisations; former Vice-Chancellor and Foreign Minister of Germany Hans-Dietrich Genscher (2006); conductor Daniel Barenboim (2011); and Prince Hassan of Jordan (2014).
GENERAL INFORMATION:
ICTC is the unique global premier event for researchers, industry professionals, and academics interested in the latest developments in the emerging industrial convergence centered around the information and communication technologies (ICT). More specifically, it will address challenges with realizing ICT convergence over the various industrial sectors, including the infrastructures and applications in wireless & mobile communications, smart devices & consumer appliances, mobile cloud computing, green communication, healthcare and bio-informatics, and intelligent transportation. The conference will include plenary sessions, technical sessions, tutorials, and invited industrial & special sessions. Accepted papers will be published in the proceedings with an assigned ISBN number and submitted to IEEE Xplore, SCOPUS, and EI Compendex. You are invited to submit papers in all areas of infrastructures, services, technologies, and applications for ICT convergence.

RELATED TOPICS:
Potential topics in this conference include, but are not limited to:
- Wireless & Mobile Communication Systems and Infrastructure
- 5G, 4G, LTE, LTE-Advanced, WLAN, WPAN, WBAN
- Communication Networks and Future Internet Technologies
- Information & Communication Theory, and Their Applications
- Mobile Cloud Computing & Communication Systems and Applications
- Smart Media & Broadcasting, and Smart Devices/Appliances
- Green Communication Technologies and Solutions
- Indoor Positioning and Navigation Systems
- Energy Internet, Smart Grid Infrastructure and Applications
- Maritime Communications Systems & Networks
- Vehicular Information and Communication Technologies
- u-Healthcare Systems, and Bio-informatics & Its Applications
- Military and Defense Technologies
- SDN and Network Virtualization
- CCN/CDN/ICN/Delay-tolerant networks
- Public Protection & Disaster Relief (PPDR) Communication
- Internet of Things (IoT), Internet of Everything (IoE), Web of Objects (WoO)
- Machine-to-Machine (M2M) and D2D Communications
- Encryption and Security for ICT Convergence
- Mobile S/W and Data Science
- Big Data and Smart Computing
- Other Services and Applications for ICT Convergence

SUBMISSIONS:
ICTC 2015 invites the submission of original, unpublished research work (including position papers) that is not currently under review elsewhere. Authors may submit either a 6-page full paper for selected journal publication or a 3-page short paper via https://edas.info/N19267. The submissions should be formatted with single-spaced, two-column pages using at least 10 pt (or higher) size fonts on A4 or letter pages in IEEE style format. The camera-ready version for an accepted paper cannot exceed 6 pages for a full paper. Detailed formatting and submission instructions will be available on the conference web site (http://www.ictc2015.org).

KEYNOTE SPEAKERS and SPECIAL TALKS:
During ICTC 2015, Keynote Speeches and Special Talks will be delivered by high level VIPs and prominent speakers from ETRI, Qualcomm, Intel, Samsung Electronics, LG Electronics, Microsoft, Cisco, Huawei, LG U+, KT, SKT, and so on.

CALL FOR WORKSHOP PROPOSALS:
Proposals are invited for half-day or full-day workshops in the areas of communications, networks, or other ICT-related topics. For any inquiries on workshops, please contact Workshop Co-Chairs, Prof. Sungrae Cho at srcho@cau.ac.kr and Prof. Changhee Joo at changheejoo@gmail.com. The deadline for workshop proposals is June 1, 2015.

PRESENTATION:
The accepted paper will be presented either in an oral session or poster session. All accepted papers will appear in the ICTC 2015 proceedings and will be submitted to IEEE Xplore only if at least one of the authors attends the conference to present the paper.
JOURNAL PUBLICATION:
Extended versions of selected papers will be invited for publication in SCI-indexed journals such as Journal of Communications and Networks, ETRI Journal, Int’l Journal of Distributed Sensor Networks, Springer Peer-to-Peer Networking & Applications Journal, and other journals including Information Journal (SCOPUS), KICS Journal, and ICT Express after an express review and further revisions.

BEST PAPER AWARDS:
ICTC 2015 will present the Best Paper Awards to the authors of selected outstanding papers.

CALL FOR IFCA - NEWSLETTER
We would like to know concerns, activities, and plans of each member association. Don’t assume that everyone is as informed as you are. If you want other communication researchers to know what your association is doing lately or hoping to achieve, if you desire international presence at your national meetings, or if you have any international plans - note a regional trend, suggest a project the Federation should undertake, or see a way to foster international cooperation - write to us. We will do our best to make our many readers aware of it.

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