



The Global Forum On Technology & Innovation In Teaching and Leading 2010

NEW IDEAS, PRODUCTS AND PRACTICES FOR THE CLASSROOM

14th – 17th April 2010 Dubai International Convention & Exhibition Centre, Dubai, United Arab Emirates

FORUM PROGRAMME

Event Overview:

The forum is dedicated to the role of technology in enhancing all facets of education and personal and professional development. The conference agenda is under the direction of the International Society for Technology in Education (ISTE), the world's largest membership organization for prompting the use of technology in education.

This highly practical programme will generate new ideas, and practices for integrating technical tools to improve education and will feature several break-out sessions giving delegates the opportunity to choose topics which are particularly relevant for them.

Who Should Attend?

Delegates will be from educational institutes and leading technology providers including but not limited to:

- Education Managers/Directors
- Technology specialists
- Teachers
- Academic Advisors
- Education researchers
- ICT experts
- IT Managers

Our Expert Regional and International Speaker Faculty Includes:

Dr. Lynn Nolan, Senior Strategic Initiatives Officer, **International Society for Technology in Education (ISTE)**, USA

Don Knezek, Chief Executive Officer for **International Society for Technology in Education (ISTE)**, USA

Stephen Cox, Director of Strategic Professional Development, **GEMS**, UAE

Chris O'Neal is ISTE Faculty member, Professor at University of Virginia and Technology Director for School District in Virginia

Jared Mader, Director of Technology, **Red Lion Area School District**, USA

Chris Peters, Associate Professor of Education and Director, **South Carolina Center of Excellence for Instructional Technology Training**, USA

Dr. Ian McKenzie, Head of IT, **Emirates College for Advanced Education**, UAE

Dr. David McCarty, Associate Professor - Department of Telecommunication, Information Studies and Media, **Michigan State University**, UAE

Myra Khattab, Program Manager, Instructional Technology & ICDL, **Michigan State University**, UAE

Ernst Vanderpoll, Founder, **Tawasul**, UAE

Natasha Ridge, Visiting Research Fellow, **Dubai School of Government**, UAE

Anna Batchelder is Founder and CEO of Bon Education

Punit M.K. Vasu - Director of Strategic Programs, **Knowledge and Human Development Authority (KHDA)**, UAE

Dinos Demetriades, Curriculum Coordinator of Foundation Program -English Department, **Qatar University**, Qatar



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FORUM DAY ONE: Wednesday, 14 April 2010

09:55 – 10:15 Plenary Session: Welcome and Introductions

Global Forum on Technology and Innovation in Teaching and Leading

Dr. Don Knezek, CEO, International Society for Technology in Education (ISTE), USA

Schedule Overview

Hannah Wilson, Conference Director, International Conferences & Exhibitions LLC., UAE

Program Overview

Dr. Lynn Nolan, Senior Strategic Initiatives Officer, ISTE, USA

10:15 – 10:45 Plenary Session: Opening Featured Session

A Global Perspective on Preparing for the Technology and Innovation Journey

Dr. Don Knezek, CEO, ISTE, USA

10:45 – 11:15 Networking and Refreshment Break

11:15 – 12:20 Breakout Sessions: “*Strategic Planning*”

Strategic Planning for IT in Education: A Practical Approach (Higher Education)

Dr. Ian McKenzie, Head of IT, Emirates College for Advanced Education, UAE

This session will examine how to construct a strategic and operational plan for IT within an educational institution.

OR

Strategic Planning for ICT in Education: A Practical Approach (K-12)

Chris O'Neal, ISTE Faculty member, Professor, University of Virginia and Technology Director for School District in Virginia. USA

Dr. Don Knezek, CEO, ISTE, USA

Dr. Lynn Nolan, Senior Strategic Initiatives Officer, ISTE, USA

This session will examine how to develop a plan for systemic transformation based on ISTE's National Educational Technology Standards for Students, Teachers, and Administrators (Education Leaders).



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12:20 – 13:00 Plenary Session: “Essential Conditions”

Educational Strategic Planning with Essential Conditions

Dr. Don Knezek, CEO, ISTE, USA

Dr. Lynn Nolan, Senior Strategic Initiatives Officer, ISTE, USA

Self-assessment and priority setting to identify major areas to address in strategic plan and to establish strategies for accomplishing your goals.

13:00 – 14:00 Networking Lunch for Speakers and Delegates

14:00 – 15:20 Breakout Sessions: “Exploring Emerging Technologies and Strategies for Integration”

Digital Images - Unsurpassed Power in the Classroom

Dr. Chris Peters, Associate Professor of Education and Director, South Carolina Center of Excellence for Instructional Technology Training, USA

Digital cameras represent one of the most powerful and most affordable technologies available today. This session will demonstrate simple, creative classroom uses of digital images that excite students and support instruction across the entire curriculum.

OR

Making Social Networking Work

Dr. David McCarty, Associate Professor - Department of Telecommunication, Information Studies and Media, Michigan State University, UAE

Myra Khattab, Program Manager, Instructional Technology & ICDL, Michigan State University, UAE

This presentation will provide an overview of recent developments in social networking and discuss strategies for incorporating social networking into educational curricula, civic participation, and business processes. It will also address the role of infrastructure and government policy

15:20 – 15:50 Networking and Refreshment Break



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15:50 – 17:10

Breakout Sessions: “Communication and Collaboration Tools and Resources”

Building Online Education Communities: Case Studies from the UAE and Abroad

Anna Batchelder, Founder and CEO, **Bon Education**, UAE

Learn first-hand about this presenter’s work in building online education communities for the Ministry of Education, RAK, Curriki, and other communities. You will also have an opportunity to learn a little about Twitter, Twine, and a few other tools.

OR

Tools for Managing Communication and Information

Chris O’Neal, ISTE Faculty member, Professor, **University of Virginia** and Technology Director for **School District in Virginia**. USA

In this session we will explore Twitter, and how one can use this tool to effectively keep up with ongoing technology conversations. In addition, we will set up a Google RSS homepage to streamline blogs and other RSS feeds.

OR

Increasing Communication Skills with Podcasts and Wikis

Jared Mader, Director of Technology, **Red Lion Area School District**, USA

Learn how to elicit better communication and interpretation skills from students by allowing them to use podcasts to convey their understanding and comprehension.

17:10 – 17:30

Plenary Session: *Questions & Informal Conversations among Presenters, Panelists, Delegates Facilitators; Anna Batchelder and Chris O’Neal*

What questions do you have of the presenters or of other delegates? What would you like to know more about? Do you have comments, contributions or observations you would like to make about what you heard in the first day of the Forum? What specifically would you like to see addressed tomorrow?



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FORUM DAY TWO: Thursday, 15 April 2010

09:30 – 10:15 **Plenary Session: *Problem Solution Teamwork***
Delegates self-select into ‘problem teams’ to design solutions and report results.

Encouraging Creativity and Innovation: Exploring Real-World Issues (Small group discussion & reporting)
Dr. Lynn Nolan and ISTE Team

10:15 – 11:15 **Breakout Sessions: “*Developing Digital-Age Skills in Our Students*”**

Student Creativity and Innovation in Schools
Presenter; TBD

Today's classroom is comprised of students who are digitally intuitive. They learn best in a constructivist environment through media interaction, hands-on learning practices, and problem-based strategies. Through communication, collaboration, and problem-solving we can better prepare our students for the global workforce of lifelong learners to which they will soon join. Teaching, utilizing a constructivist model with students, demands that students become active participants and creators of knowledge as they construct their learning.

How ICT can be Used Creatively to Enhance 21st Century Learning

Stephen Cox, Director of Strategic Professional Development, **GEMS**, UAE

This programme will discuss the issues around creativity and how through two working examples in two GEMS schools this was achieved. One focusing on a project based approach using mobile technologies and social networking sites and the other through an Apple pilot project using MacBooks and i-Pod Touch.

11:15 – 11:45 **Networking and Refreshment Break**



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11:45 – 12:15

**Breakout Sessions: “Promoting Digital Citizenship:
Addressing Diverse Needs of All Learners”**

Technology for All Learners: Environmental Education through Scuba Diving

Introduction: Anna Batchelder, Founder and CEO, **Bon Education** – **Presentation: Ernst Vanderpoll**, Founder, **Tawasul**, UAE

Discover how special needs students use Ning and Google Earth to chart their dives and other technologies to overcome disabilities

OR

iPods in the Classrooms for ALL Learners

Presenters TBD

Learn about the challenges and successes of using iPods for learning in the classroom. Discover ways you, too, can easily implement an iPod program in your school.

12:15 – 13:00

Plenary Session: First Featured Panel

Making Data Informed Decisions to Improve Instruction

Chris O’Neal with ISTE Team

13:00 – 14:00

Networking Lunch for Speakers and Delegates



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14:00 – 15:00

Plenary Session: “Global Buffet of Technology and Innovation in Teaching and Leading”

(Delegates will select topics for deep 20 minute exploration and then rotate to 2nd topic and then 3rd topic)

Podcasting in Less than a Minute

Led by **Jared Mader**, Director of Technology, **Red Lion Area School District**, USA

Creating and Sharing Education Resources with the Global Community (OERs – Open Education Resources)

Led by **Anna Batchelder**, Founder and CEO, **Bon Education**, UAE

Digital Images - Unsurpassed Power in the Classroom

Led by **Dr. Chris Peters**, Associate Professor of Education and Director, **South Carolina Center of Excellence for Instructional Technology Training**, USA

Using Mobile Technologies to Enhance the Learning of Arabic Teaching

Led by **Stephen Cox**, Director of Strategic Professional Development, **GEMS**, UAE

15:00 - 15:30

Networking and Refreshment Break



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15:30 - 16:20

Breakout Sessions: “Technology and Content Integration”

Using Technology to Break the Traditional Mould of a Laboratory Report

Presenter TBD

Do your students struggle with writing lab reports? The session will emphasize the importance of using technology with students to will change the face of the traditional science lab report. Research and problem solving are important skills students learn in science. Using technology, your students will better communicate their findings and convey their analysis of results.

OR

Motivation, Writing, and Multimedia Programs

Dinos Demetriades, Curriculum Coordinator of Foundation Program -English Department, **Qatar University**, Qatar

Teachers use multimedia for grammar practice in language laboratories, but rarely use it to teach writing in ordinary classrooms. However, innovative multimedia programs allow teachers to highlight model texts and teach writing interactively in any classroom, which motivates and engages students in ways that traditional textbooks cannot replicate.

OR

Google Earth – The World at Your Fingertips

Dr. Chris Peters, Associate Professor of Education and Director, **South Carolina Center of Excellence for Instructional Technology Training**, USA

Discover ways you can integrate Google Earth into your geography, social studies, and history lessons. Google Earth is a free, interactive world map that can be used by teachers to help their students understand the world better and see themselves more clearly as members of a global community. With Google Earth students can explore mountains, dive under the sea, and visit lands the will never see in person. This session will show how teachers can capitalize on Google Earth to engage their students and increase learning.

16:20 – 17:00

Plenary Session: Second Featured Panel

Technology and Content Integration

Moderator: Dr. Don Knezek – Panelists: Jared Mader, Dino Demetriades, and Dr. Chris Peters

17:00 – 17:30

Plenary Session: “Reflections and Next Steps: Individual, Small Group, Report Out.”



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SKILL-BUILDING WORKSHOPS: Saturday, 17 April 2010

09.00 ***Who Needs a Textbook to Teach Writing? Using Multimedia to Teach Writing***

Dinos Demetriades, Curriculum Coordinator of Foundation Program -English Department, **Qatar University**, Qatar

You will learn how to use innovative multimedia programs to highlight model texts and teach writing interactively in the classroom, which will motivate and engage students in ways that traditional textbooks cannot replicate.

OR

Organizing your Digital Life Using Free Google Tools

Chris O'Neal, ISTE Faculty member, Professor, **University of Virginia** and Technology Director for **School District in Virginia**. USA

You will learn the basics of each tool and how they can work together to streamline your communication and collaboration efforts.

10.45 **Networking and Refreshment Break**

11.00 **Getting into Twitter**

Workshop Leader TBD

What does it mean for an educator? How can I really find the things of most interest to me?

OR

Building Digital Slideshows with Free Tools

Chris O'Neal, ISTE Faculty member, Professor, **University of Virginia** and Technology Director for **School District in Virginia**. USA

You will learn the basics of each tool and how they can work together to streamline your communication and collaboration efforts.

12.45 **Networking Lunch for Speakers and Delegates**

13.45 **Digital Image Magic with Free Image Editing Tools**

Dr. Chris Peters, Associate Professor of Education and Director, **South Carolina Center of Excellence for Instructional Technology Training**, USA

Pictures tell stories that words can only hint at. In this workshop you will learn to use image editing tools that are freely available online to enhance, edit and combine images in ways that engage students and energize the curriculum.

OR



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13.45 **Google Earth - Making your Mark on the World**
Workshop Leader TBD

With Google Earth you and your students can add content to interactive electronic maps. In this workshop you will learn to create Google Earth placemarks that can be used to showcase family history, track the paths of ancient explorers, document a scientific event, or tell others about anything else happening in the world. The tools are free, easy, powerful, and fun to use.

15.30 **Networking and Refreshment Break**

16.00 **Closing Discussions**