INSTITUTE OF APPLIED TECHNOLOGY

"Emiratization of Technological Careers"

IAT Technological Education Conference

IAT TEC 2013

Education for the iGeneration

1st & 2nd April 2013

Fatima College of Health Sciences, Mafraq, Abu Dhabi, UAE

IAT Technological Education Conference

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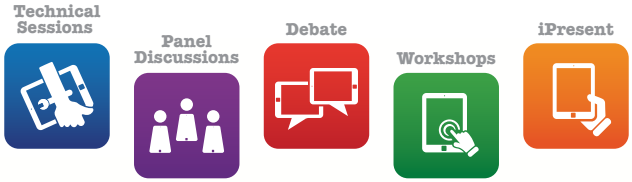

Online pre-registration is required (limited seats available)

Contact details:

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Applied Technology High School

كلية فاطمة للعلوم الصحية

FATIMA COLLEGE OF HEALTH SCIENCES

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Legends

Symbols

	Keynote Lecture		Technical Sessions
	Workshop		Panel Discussion
	iPresent		Debate
	Timetable		Registration
	Location	P	Parking Area
	Lunch Area		Coffee Area

Colour Codes

	Keynote Lectures		Technical Sessions
	Workshops		Panel Discussions
	iPresent		FCHS Theatre
	Exhibition Area		Lunch Area
	Hall 1		Hall 2
	Visitor Parking		Employee Parking

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Organizing Committee

Chair, General:	Dr. Abdullatif Al Shamsi	Managing Director, IAT
Chair, Technical:	Dr. Ra'a Said	Director, Academic Services, IAT
Committee Member:	Mr. Ken Cadd	Director, High School System, IAT
Committee Member:	Mr. Ahmed Al Mulla	Senior Manager, Student Services, IAT
Committee Member:	Dr. Walid Yasin	Manager, Institutional Effectiveness, IAT
Committee Member:	Mrs. Marion Smith	Manager, Learning Resources, IAT
Planning Coordinator:	Mr. Samir Baslaib	Manager, Procurement, IAT
IT Coordinator:	Mr. Ahmed Mansour	Senior Coordinator Technical Support, IAT
Media Coordinator:	Mr. Adil Arafa	Press Coordinator, IAT
Conference Secretary:	Ms. Rehab Rajab	Instructional Technology Sr. Coordinator, IAT

Technical Committee

Campus Coordinators

Ms. Muna Yahia El Shaikh	IAT-ATHS, AUH-F
Mr. Sebastian Price	IAT-ATHS, AUH-M
Ms. Ashley Kirchbeg	IAT-ATHS, AIN-F
Mr. Kareem Saudi	IAT-ATHS, AIN-M
Ms. Gilda Rodrigues	IAT-ATHS, DXB
Ms. Yasmeen Shakoor	IAT-ATHS, RAK
Mr. Nasir Goda	IAT-ATHS, FUJ

Paper Review

Dr. Ricky Tam
Dr. Mohamed Al Jarrah
Mr. Shadi Ayoub
Mrs. Kavitha Somaraj
Mr. Tarek Ibrahim
Ms. Rehab Rajab

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Mr. Anass Abu Awad
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Mr. Hisham Hammash
Mr. Mark Anthony
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Education for the generation

Chair, General
Dr. Abdullatif Al Shamsi
Managing Director, IAT

The first generation of the twenty-first century, Generation Z or the iGeneration; regardless of what we call them, all those born after 1997 share distinctive characteristics related to the way they communicate, process information, share ideas, deal with technology and unquestionably in the way they learn. Realizing these facts, educators and educational systems are now faced with many challenges.

'Education for the iGeneration' translates into many interesting topics, or rather questions: how do we design a curriculum that meets the needs of this new type of learners? How do we rewire our educational systems to communicate learning objectives and help the iGeneration achieve the desired outcomes? How can we prepare teachers for these changes and equip them with the skills needed? What tools do we need to adapt for use in the classroom? With so many questions, and probably not enough research-based answers, the need for a dialogue to exchange ideas and listen to the viewpoints of the iGeneration arises.

IAT is pleased to invite you to share your ideas on education for the iGeneration.

The conference aims at showcasing the successes and challenges as well as exploring the future of education for the iGeneration, from the perspectives of both educational technology experts and students.

Since equipping Emirati youth with leadership skills is one of the main visions of IAT, Applied Technology High School (ATHS) students across the UAE will take part in presenting, organizing and moderating the event.

DAY ONE
Program at a Glance

Reg.

08:00 - 09:30 Registration — Registration Area

Opening Ceremony & Keynote Lecture

09:30 - 10:00 Opening Ceremony — FCHS Theatre

10:00 - 10:45 Keynote Lecture

Prof. Cathleen Norris
Regents Professor, University of North Texas, USA

Prof. Elliot Soloway
Arthur F. Thurnau Professor, University of Michigan, USA

Panel Discussions

Is iEducation Serving The iGeneration?

10:45 - 11:30 **Prof. Cathleen Norris** (UNT), **Prof. Elliot Soloway** (UMICA) **Andrew Blackmore** (ZU), **Dr. Yacine Atif** (UAEU) — FCHS Theatre

11:30 - 11:45 Cyber C3 Competition Season 2 Announcement - **Knowledge Point**

11:45 - 12:30 **iPresent & Coffee Break** — Exhibition Area

Technical Sessions

12:30 - 13:30

Session A	Session B	Workshop C- Part 1
eContent for the iGeneration	iPedagogy for the iGeneration	App Development Workshop
Hall 1	Hall 2	Room GFL 010

13:30 - 14:30 Lunch Break

Workshops

14:30 - 15:15

Workshop A	Workshop B	Workshop C- Part 2
ReTooling Your Resources For The iClassroom	iBooks Author (Beginner)	App Development Workshop
Hall 1	Hall 2	Room GFL 010

15:15 - 16:00

Workshop A	Workshop B
Effective Integration Of IAT PLATO In The Classroom	5 Must-Have Design Elements for Successful eLearning Experiences
Hall 1	Hall 2

Reg.

08:00 - 09:30 — **Registration** — Registration Area

Keynote Lecture

09:30 - 10:15 — FCHS Theatre

Keynote Lecture
Prof. Peter J. Scott
Director of the Knowledge Media Institute, The Open University UK

Panel Discussions

What's Next in iEducation?

10:15 - 11:10 — FCHS Theatre

Debate Video - Constant Connectivity: Effective or Distractive (ATHS Students)

Prof. Peter Scott (Open University UK), **Dr. Najla Al Naqbi** (ADEC)
Ahmed Ashour (Microsoft), **Rehab Rajab** (IAT)

11:15 - 12:00 — **iPresent & Coffee Break** — Exhibition Area

Technical Sessions

12:00 - 13:00

Session A
e-Assessment
Hall 1

Session B
eLearning in The Spotlight
Hall 2

13:00 - 14:00 — **Lunch Break**

Workshops

14:00 - 15:00

Workshop A
Effective Integration Of IAT PLATO In The Classroom
Hall 1

Workshop B
iBooks Author (Beginner)
Hall 2

15:00 - 16:00

Workshop A
iPedagogy For The iGeneration
Hall 1

Workshop B
ReTooling Your Resources For The iClassroom.
Hall 2

DAY 1, Monday, April 1st, 2013

10:00 - 10:45

FCHS Theatre

Keynote Title:

Education in the Age of Mobilism:

The Inevitable Transformation of K-12 Classroom

Prof. Cathleen Norris
Regents Professor,
University of North Texas, USA.

Prof. Cathleen Norris is a Regents Professor in the College of Information, Department of Learning Technologies at the University of North Texas. Cathie's 14 years in K-12 classrooms - and receiving Dallas' Golden Apple Award - has shaped her university research agenda: helping K-12 teachers move from the 19th century into the 21st century. Cathie has been President of the International Society for Technology in Education (ISTE), the leading international organization for technology-minded educators, and the President of the National Educational Computing Association (NECA), the association that organized NECC, the premier conference on technology in K-12.

Prof. Elliot Soloway
Arthur F. Thurnau Professor,
University of Michigan, USA.

Prof. Elliot Soloway is an Arthur F. Thurnau Professor in the Dept of CSE, College of Engineering, School of Education and School of Information, University of Michigan. For the past 10 years, Soloway's research has been guided by the vision that mobile, handheld - and very low-cost - networked devices are the only way to truly achieve universal 1:1 in schools - all across the globe. In 2001, the UMich undergraduates selected him to receive the "Golden Apple Award" as the Outstanding Teacher of the Year. In 2004 and in 2011, the EECS College of Engineering HKN Honor Society awarded Elliot the "Distinguished Teacher of the Year Award."

DAY 1, Monday, April 1st, 2013

10:45 - 11:30

FCHS Theatre

Panel Discussion
Is iEducation Serving the iGeneration?

Prof. Cathleen Norris
Regents Professor,
University of North Texas, USA.

Prof. Elliot Soloway
Arthur F. Thurnau Professor,
University of Michigan, USA.

Andrew Blackmore
Curriculum Supervisor - Academic Bridge Program
Zayed University, Dubai.

Dr. Yacine Atif
Program Chair - College of Information Technology
UAE University.

Mouza Al Bloushi (Moderator)
Grade 11 ICT Cluster
ATHS AUH G

11:30 - 11:45

Cyber C3 Competition Season 2
Knowledge Point Announcement

DAY 1, Monday, April 1st, 2013

12:15 - 13:15

Hall 1

Technical Session A, eContent for the iGeneration

Teachers

Google Earth...Innovation & Exploration
Heba Darghmeh - ATHS AUH G

Effective Integration of iBooks In The Classroom
Bashaer Al Kilani - ATHS AIN G

Students

From Printed TextBooks To Interactive iBooks
Bader Al Zaabi & Saif Al Sharhan - ATHS RAK

iBooks by an ATHS Student
Shamma Al Tamimi - AIN G

ATHS Student Portal - Developing A Cross-Platform App
Ahmed Khalifa & Ahmed Mansour - AUH B

Zakareya Abdulla - DXB
(Moderator)

DAY 1, Monday, April 1st, 2013

12:15 - 13:15

Hall 2

Technical Session B, iPedagogy for the iGeneration

Teachers

ICT Acceptable Use Policy-What is it, Where do you fit in?
Mohamed Saeed Al Maskari - KP

Using the iPad within a Task-Based Learning Framework
Jesse Balanyk (ZU)

The Challenges of Personalized Learning
Peter Davidson (ZU)

Students

Embracing the iTechnology
Ahmed Al Shehhi - AUH B

Genes for Awareness
Salma Al Shaqfa - AIN G

Yasin Ahmed - DXB
(Moderator)

Room GFL 010

Workshop C- Part 1

App Development Workshop
Prof. Elliot Soloway & Prof. Cathleen Norris with ATHS Students & Teachers

DAY 1, Monday, April 1st, 2013

14:30 - 15:15

Hall 1

Hall 2

Workshop A
ReTooling Your Resources For The iClassroom
Kristen Marie Giardina - AUH G Derek Blackmore - AUH B

Workshop B
iBooks Author - Beginner
Nasir Goda - FUJ & Michael Paulus - AUH B

15:15 - 16:00

Hall 1

Hall 2

Workshop A
Effective Integration Of IAT PLATO In The Classroom
Wael Abu Hawash - IAT Academic Services

Workshop B
Five Must-Have Design Elements for Successful eLearning Experiences.
Gordon Graham - AD Poly

Room GFL 010

Workshop C Part 2
App Development Workshop
(Prof. Elliot Soloway & Prof. Cathleen Norris with ATHS Students & Teachers)

DAY 1, Monday, April 1st, 2013

Exhibition Area

iPresent

Teachers

iPads in the Science Lab
Jesse Ceniza - ATHS AUH B

Mechatronics Project Products
Husam Hajjaj - ATHS AUH B

The Portable Teacher: Watch There, Practice Here
Allan Wager - ATHS AIN B

Students

Creating an iPad App: process, Challenges & Lessons Learned
Hessa Saeed - AUH G

iPads & LabQuest: Integration in the IAT Science Lab
Amer Alharthi & Sultan Al-Marzooqi - AUH B

Effective Use of Technology in Modern Classrooms
Ahmed Almansoori - AUH B

NXT Marine Robots-Water Circuit.
Abdulaziz Almarzouqi & Naser Alshrouqi - AUH B

Creating Multimedia For School Projects
Mohammed Alameri & Mohammed Osama - AIN B

The promises and Perils of Urbanization
Mohammed AL-Romaithy, Eisa Abdulla Eisa & Mohammad Abdulla - FUJ

Learning Devices of the Future: A Learner's Perspective
Saeed Mana & Ali Hassan - DXB

RoboSitter
Sultan Alshehhi & Ahmad Alshehh - RAK

MY OS
Mohamed Al Fahad & Yousef Al Zaabi - AUH B

DAY 2, Tuesday, April 2nd, 2013

09:30 - 10:15

FCHS Theatre

Keynote Title:

iLearning for the iGeneration:
New channels, new learners?

Prof. Peter J. Scott
Director of the Knowledge Media Institute,
The Open University UK.

Abstract: New channels for reaching our current (and prospective) students are appearing constantly in the networked world. I will aim to showcase some of the ways that the UK's Open University is starting to exploit these new channels and to make them an effective medium of communication and learning. The OU distributes course materials to learners worldwide via its OpenLearn programme, on iTunes U., in YouTube, and via a variety of other 'podcast' channels. We are also creating a new range of media interfaces including those that 'break out' of the book. As Apple announce the billionth download from iTunes U, now is a good time to reflect upon the potential new experiences we could create together for iGeneration learners in these exciting spaces.

Professor Peter J. Scott is the Director of the Knowledge Media Institute of the Open University, (http://kmi.open.ac.uk). KMI is a 70-strong Research and Development Unit on the OU campus in Milton Keynes, which explores the future of learning and the boundaries between knowledge and the media we use to work with it. Before joining the Open University in 1995, Prof. Scott lectured in Psychology and Cognitive Science at the University of Sheffield. He was the founding President of the European Association of Technology Enhanced Learning, and was the coordinator and scientific director of STELLAR, the EU's 7th Framework Network of Excellence in Technology Enhanced Learning.

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Edarabia.com is the region's largest education site; founded in 2005. With over **36,000** web listings, the site attracts thousands of visitors daily and covers the entire Middle East and North Africa region. It can be viewed online in almost 30 different languages, has a presence on all major social networks and is accessible on iPhone, Blackberry & other handheld devices. It has become a trusted source in the education industry where visitors can find the latest industry news, upcoming events, job listings, research updates, add ratings & reviews and engage with others in the community forum.

DAY 2, Tuesday, April 2nd, 2013

10:15 - 10:30

FCHS Theatre

10:30 - 11:15

Debate Video
Constant Connectivity: Effective or Distractive

ATHS Students

Panel Discussions
What's Next in iEducation?

Prof. Peter J. Scott
Director of the Knowledge Media Institute,
The Open University UK.

Dr. Najla Al Naqbi
Program Manager - Office of Planning and Strategic Affairs
Abu Dhabi Education Council (ADEC), UAE.

Ahmed Ashour
Education Industry Solutions Manager - Public Sector
Microsoft Gulf, UAE.

Rehab Rajab
Instructional Technology Senior Coordinator
Institute of Applied Technology

Omar Al Melhi (Moderator)
ATHS AUH B

Online Learning Portal

IAT PLATO
IAT PORTAL for LEARNING APPLIED TECHNOLOGY ONLINE

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DAY 2, Tuesday, April 2nd, 2013

11:45 - 12:45

Hall 1

Technical Session A
eAssessment

Teachers

Teachers' Readiness on e-Assessment: The PLATO Quiz Maker
Jesse Ceniza - ATHS AUH B

Understanding Formative e-Assessment in Applied Technology High School
Tarek Ibrahim & Mohamed Saoud - IAT Assessment Unit

e-Assessment
Dr. Naim Syed - VP of ICT American Institution USA

Ahmed Al Hameli - AUH B
(Moderator)

DAY 2, Tuesday, April 2nd, 2013

11:45 - 12:45

Hall 2

Technical Session B
eLearning in The Spotlight

Teachers

Creating & Implementing a Blended Learning Curriculum: One Year On
Sean McGuinness - Al Rowdah Academy & Craig Fletcher - Kaplan International Colleges

Large Scale iPad Deployment: Opportunities & Challenges
Rehab Rajab - IAT Academic Services

Students

PLATO: The Platform That Has It All
Salman Al Mula & Omran Salah - DXB

The Importance of eLearning
Ahmed Al Mulla & Ahmed Ghanim - DXB

eLearning for a Better Future
Rashid Abdelaziz & Rashid Abdulla - DXB

Mayed Hassan - AUH B
(Moderator)

DAY 2, Tuesday, April 2nd, 2013

14:00 - 15:00

Hall 1

Workshop A
Effective Integration Of IAT PLATO In The Classroom
Wael Abu Hawash - IAT Academic Services

Hall 2

Workshop B
iBooks Author - Beginner
Nasir Goda - FUJ & Michael Paulus - AUH B

15:00 - 16:00

Hall 1

Workshop A
iPedagogy For The iGeneration
Rehab Rajab - IAT Academic Services

Hall 2

Workshop B
ReTooling Your Resources For The iClassroom
Kristen Marie Giardina - AUH G & Derek Blackmore - AUH B

DAY 2, Tuesday, April 2nd, 2013

Exhibition Area

iPresent

Teachers

Learning with IM
Darinka Kralj - AIN B

Creating Multimedia For School Projects
Sana Safyan - AIN G

Students

Demonstrating a Podcast
Omar Al Harmodi & Humaid Ali - DXB

Cyber Awareness Through iBooks
Shamma Ahmad & Mariam Rashid & Mariam Ahmad - AIN G

Creating Multimedia For School Projects
Mezna Al Junaibi & Rauda Al Eisae - AIN G

iPads In The Classroom: Pros And Cons
Zayed Musaed & Faisal Bin Mahfoud - AIN B

Creating iBooks For School Projects
Saif Al Naqbi & Majed Rasoul - FUJ

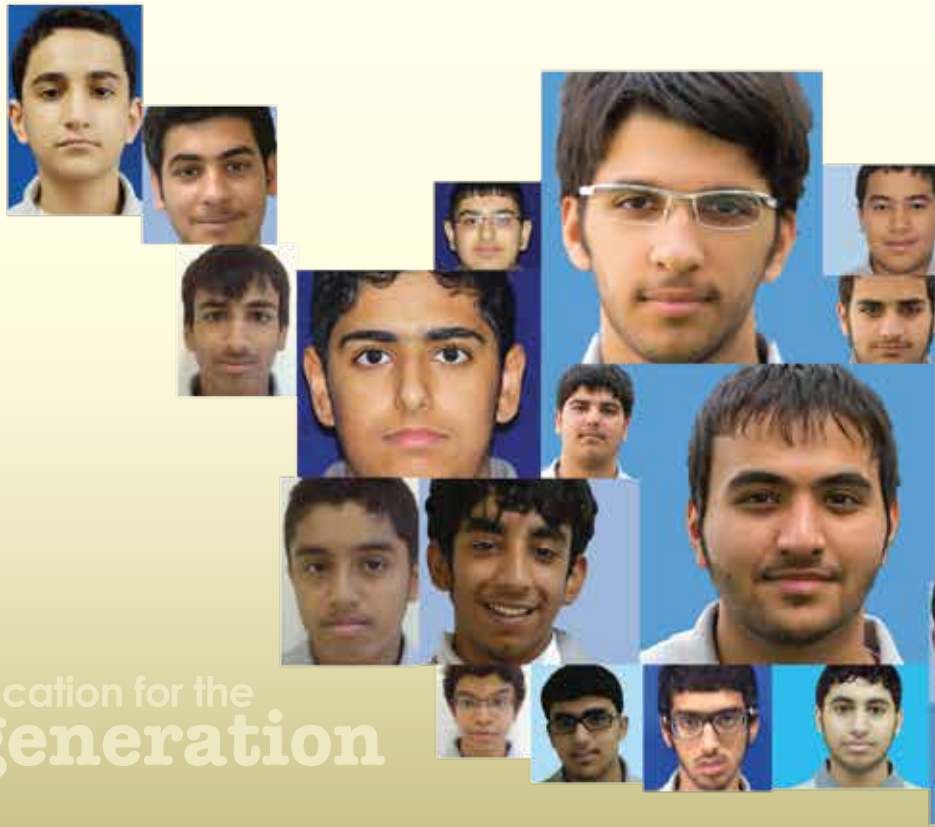
Creating Multimedia For School Projects
Khuloud Obaid & Asma Al Mehairy - AIN G

Programming a Playstation Game
Al Anoud Thani - AIN G

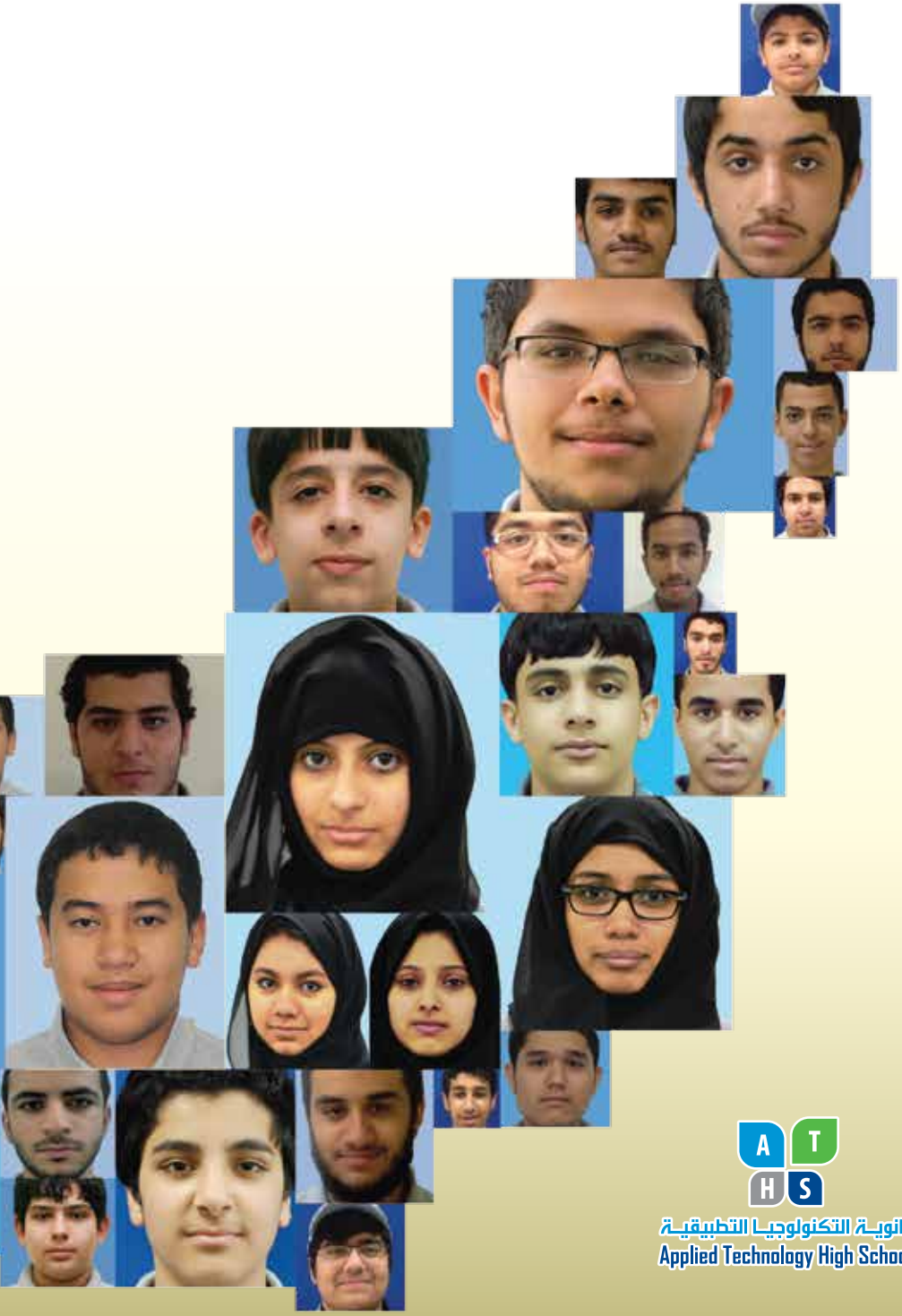
ATHS Students Participating in

IAT Technological Education Conference

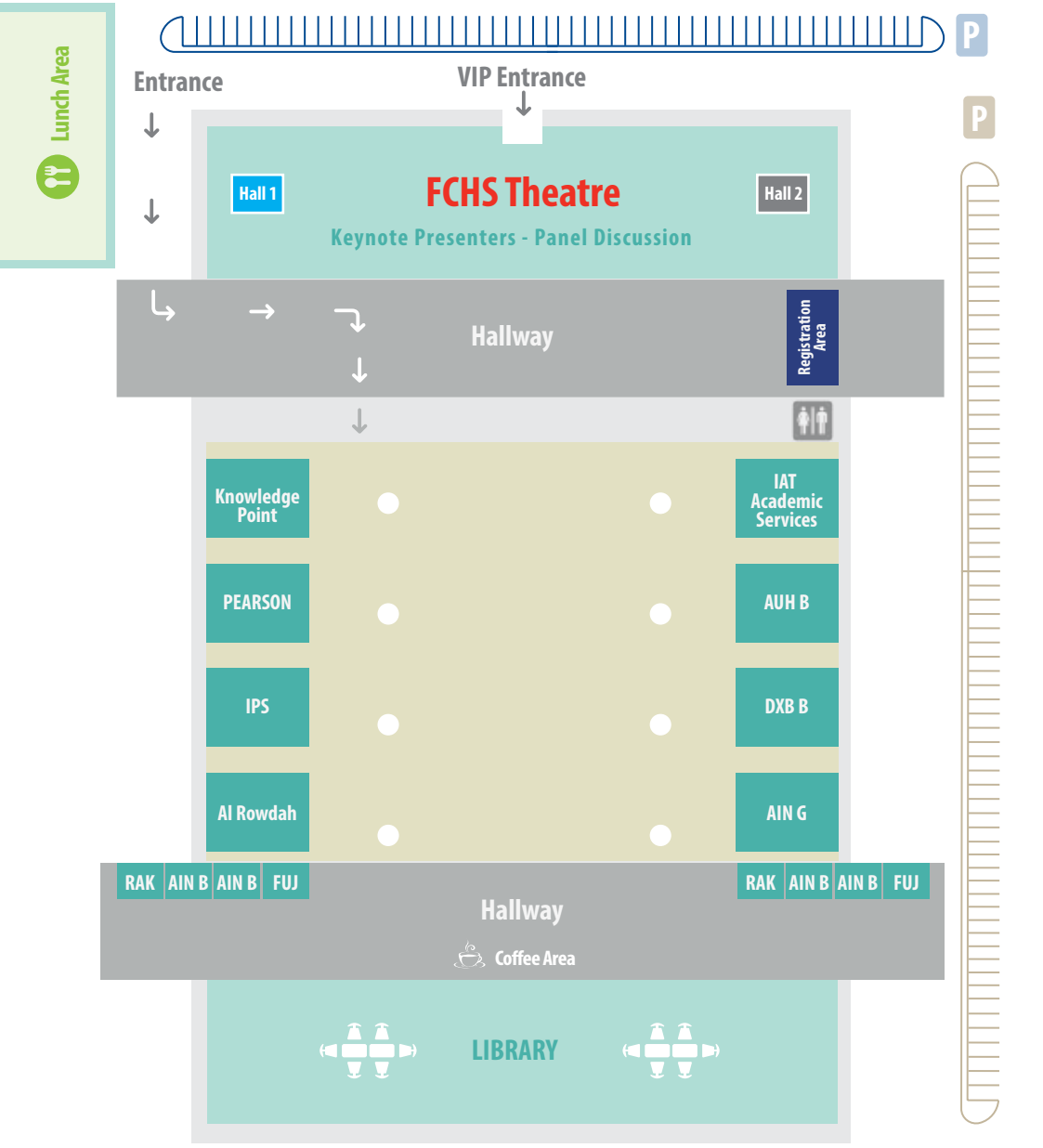
IAT TEC 2013



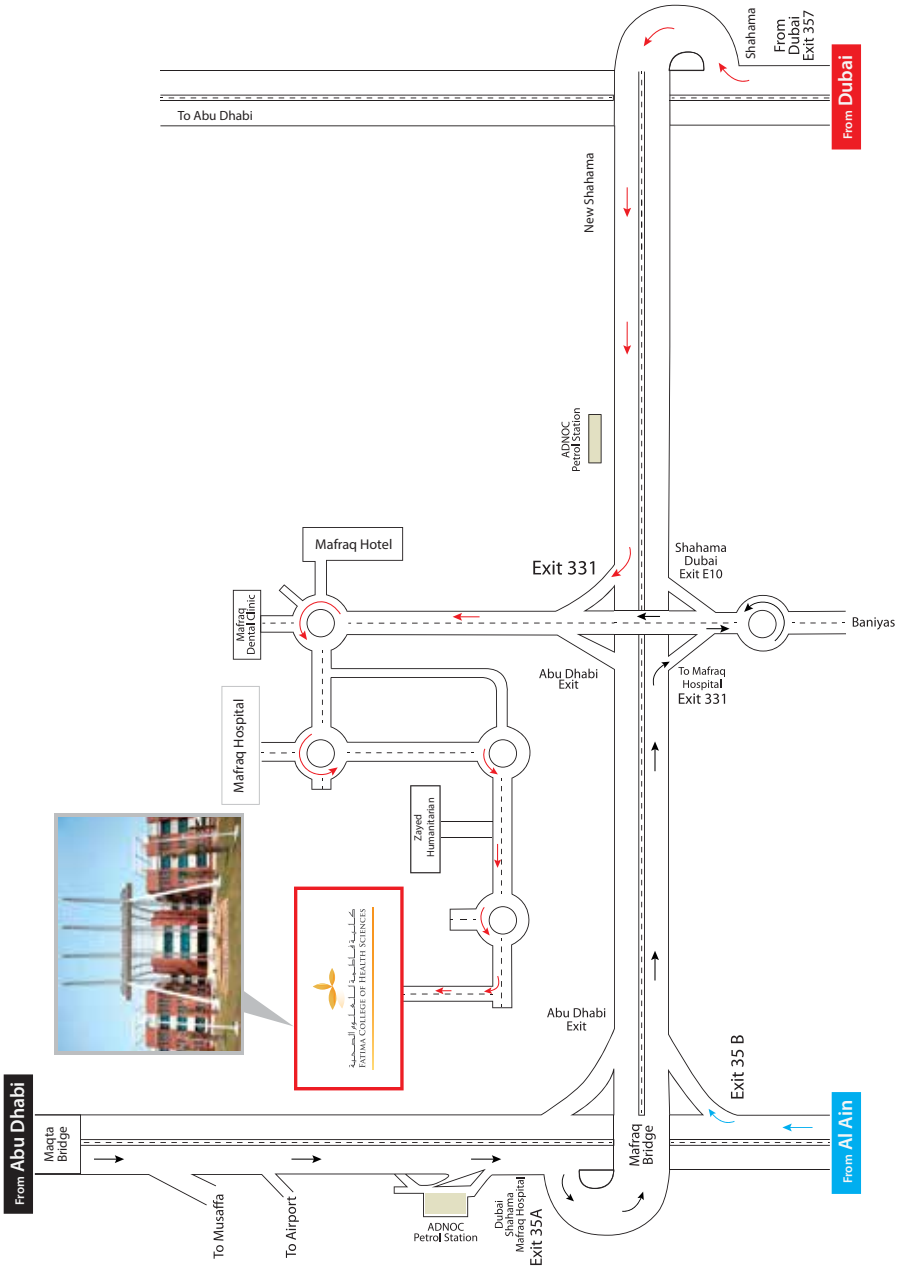
Education for the generation



ثانويـة التكنولوجيـا التطبيقيـة
Applied Technology High School


Lunch Area
Entrance
VIP Entrance
P
P
Hall 1
FCHS Theatre
Hall 2
Keynote Presenters - Panel Discussion
Hallway
Registration Area
Knowledge Point
IAT Academic Services
PEARSON
AUH B
IPS
DXB B
Al Rowdah
AIN G
RAK
AIN B
AIN B
FUJ
RAK
AIN B
AIN B
FUJ
Hallway
Coffee Area
LIBRARY

Venue Location Map



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An initiative of knowledge point

IAT Portal for Learning Applied Technology Online

INSTITUTE OF APPLIED TECHNOLOGY
"Emiratization of Technological Careers"

IAT PLATO
IAT PORTAL for LEARNING APPLIED TECHNOLOGY ONLINE

ATHS
ثانوية التكنولوجيا التطبيقية
Applied Technology High School

Innovate, Aspire, Transform

IAT Portal for learning Applied Technology Online has been developed by Academic Services at IAT, to empower students, engage parents and transform teaching and learning.

IAT PLATO provides an engaging e-learning environment allowing the student to take a dynamic role in the learning process.

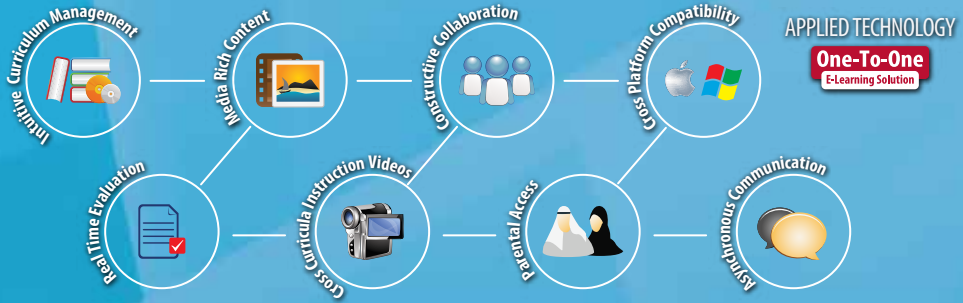
IAT PLATO offers parents the opportunity to contribute to their child's progress, nurturing a mind-set for self-directed and life-long learning.

IAT PLATO provides a platform whereby teachers can innovate their teaching methods and improve students' skills by having access to a student centred curriculum, interactive resources and engaging media-rich content.

IAT PLATO provides the perfect platform for a One-to-One e-learning solution connecting IAT's community of active learners.

http://plato.iat.ac.ae

Features



INSTITUTE OF APPLIED TECHNOLOGY

"Emiratization of Technological Careers"

The First Internationally Accredited School System outside the USA - Southern Association of Colleges and Schools (SACS CASI)