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# United Kingdom Telecommunications Academy

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# UKTA Faces the Convergence Challenge

The UKTA continues to develop relationships with the Communications Industry in the United Kingdom and throughout the World.

Working with our existing stalwart members we have moved into new fields as our new members the GSM Association, THUS, St Patrick's College and Infocomm Communications take our market reach to new areas.

The programmes we have developed with Coventry University and University of Strathclyde have both been reviewed over the past twelve months and new modules introduced on both the LLM and MCM Programmes.

The Relationship UKTA has established with Africa goes from Strength to Strength and Kigali Institute of Science & Technology (KIST) has already produced twenty outstanding graduates.

Our Relationship with China has been expanded over the past year to include Yinchuan where we are working with the North West University for Ethnic Minorities in an effort to share our knowledge with the most needy people of this vast country.

We have explored the establishment of new relationships with both India and Russia and with the ITU Telecommunication Standards Bureau investigated how academic institutions can contribute to the development of new standards for emerging technologies. UKTA has been appointed to Chair the coordination group investigating this feasibility on behalf of the Director of ITU-T.

Our partnership with our sister organisation the USTTI goes from strength to strength and we congratulate Mickey Gardner on achieving 25 years of service to the industry. The UKTA contribution on Purpose and Impact of European Regulation was well received by USTTI graduates in 2006 and 2007, will be repeated this year and beyond.

Legal, Regulation, Policy and Security feature high on the agenda of the Private Sector and this will be an ongoing item in the short term for UKTA. We will support ITU in this regard and a number of events will be organised in both the UK and abroad to increase awareness of this critical knowledge area.

I look forward to welcoming you to the United Kingdom and to meeting you when you participate on our many and varied events.



*Professor David P Mellor OBE  
Chairman*



## A Message from the ITU

It has been a pleasure for me to work with the UKTA over the past eight years and I am encouraged by the proposals I have seen for the organisation going forward.

The UKTA has helped the Development Sector, Standardisation Bureau and our commercial arm Telecom achieve many of their capacity building challenges.

With the Chairman of UKTA I was privileged to facilitate the design of the Master of Communications Management Degree which now runs successfully in both Coventry University and the Kigali Institute of Science and Technology. I am particularly encouraged by the efforts of the Tanzania Open University to find a way to deliver the e-MCM to a greater audience of Africa at a cost competitive price.

The ITU looks forward to working with UKTA in the delivery of the ITU-D Global Symposia which is scheduled for delivery at Warwick University in July 2008.

Finally may I take this opportunity to wish the UKTA all the best for its endeavours in Knowledge Transfer between the developed and least developed countries of the world a truly worthwhile and satisfying venture.



*Dr Hamadoun Touré*  
*Secretary General ITU*



# British Telecommunications

BT's commitment to lifelong learning is well-known, both within the industry and outside it.

Each year, BT trains hundreds of modern apprentices, sponsors staff through masters programmes, runs bachelor degree programmes (in conjunction with UK universities such as the University of Sunderland) and commits to training thousands of people in new and increasingly changing capabilities. Staying ahead of key developments is core to BT's business. And providing opportunities to learn is core to BT's people strategy. That is why BT is proud to be part of the United Kingdom Telecommunications Academy.

BT was one of the first state-owned telecommunications company to experience liberalisation of the telecommunications sector. As many other countries go through a similar process, understanding and sharing those experiences will help both individuals and organisations to be stronger. Although delegates come to the UKTA's programmes to learn, they also share their experience with others, helping many students in this industry to learn from each other and building global networks across the industry.

BT is thus delighted to support the activities of the UKTA and is pleased to be associated with such a valuable contributor to both the personal growth of our delegates and the strengthening of our industry.

*Karen L. Chappell-Tay  
Head of Learning and Development,  
BT Global Services.*



# Cable & Wireless

Cable & Wireless is one of the world's leading international communications companies. It operates through two standalone business units — International and Europe, Asia & US.

The International business unit operates integrated telecommunications companies in 33 countries offering mobile, broadband, domestic and international fixed line services to residential and business customers, with principal operations in the Caribbean, Panama, Macau, Monaco and the Channel Islands.

The Europe, Asia & US business unit provides enterprise and carrier solutions to the largest users of telecoms services across the UK, US, continental Europe and Asia, and wholesale broadband services in the UK.



## Master of Communications Management (MCM)

This Masters degree presents a coherent portfolio of modules, which create a comprehensive integrated programme enabling students to acquire a broad understanding of interdisciplinary knowledge. In addition, the MCM programme seeks to enhance the participants skills capabilities by developing their confidence and aptitude in the field of ICT's.

The modules that will be undertaken during the programme are as follows:

- The Environment for Information and Communications Technologies
- Contract Management
- The Legal & Regulatory Requirements for ICT's
- The Strategic Management of ICT's
- Creating Business Advantage
- Human Resource Management
- Project Management of ICT Implementation
- Financial Decision Making and Risk Analysis
- e-Commerce
- Change and the Virtual Organisation

Following the modules, an individual project on a major strategic issue in the communications industry is undertaken by the student

### **Master of Communications Management (MCM)**

This world renowned Master of Communications Management specified by the ITU and UKTA in 1999 in response to requests by ITU Members for a recognizable programme for Telecommunications Professionals.

The MCM Programme will next run at Coventry University in September 2008 and early application is recommended via the University's web site:

[www.coventry.ac.uk](http://www.coventry.ac.uk)

# The University of Strathclyde

## LLM/PgDip in Information Technology & Telecommunications Glasgow Graduate School of Law

Two of Scotland's most distinguished Law Schools have combined their academic expertise and resources to create one of the most exciting Graduate Law Schools in the UK. The LLM/PgDip in Information Technology & Telecommunications Law is provided by Strathclyde and Glasgow Universities under the auspices of Glasgow Graduate School of Law.

Available for study by internet based distance learning over two years, or by attendance over one year, the LLM considers an array of topical subjects, with modules on:

- Legal Aspects of Information Security
- Telecommunications Law
- e-Commerce
- Liability in the Information Society
- Intellectual Property Law
- Access to Public information

Students select four modules from these, and are assessed on course work, and a 15 - 20000 word dissertation.

### Key Facts

- Course Director, Professor Ian Lloyd - internationally renowned in the field of Telecommunications Law
- Course established in 1991
- Attracts around 100 students from 20 countries including law graduates, lawyers and IT specialists
- The Law Schools of Strathclyde and Glasgow consistently receive top ratings in the UK Research Assessment Exercise
- Law School awarded grade of "exemplary" by Scottish Higher Education Funding Council for its teaching and learning strategy

To find out more about studying IT Law, call Lisa McWhinnie on +44 (0) 141 548 5998, email: [lisa.mcwhinnie@strath.ac.uk](mailto:lisa.mcwhinnie@strath.ac.uk) or visit [www.ggsl.strath.ac.uk](http://www.ggsl.strath.ac.uk) for further information.



# The GSM Association

Founded in 1987, The GSM Association (GSMA) is a global trade association representing more than 700 GSM mobile phone operators across 217 territories and countries of the world. In addition, more than 180 manufacturers and suppliers support the Association's initiatives as associate members.

The primary goals of the GSMA are to ensure mobile phones and wireless services work globally and are easily accessible, enhancing their value to individual customers and national economies, while creating new business opportunities for operators and their suppliers. The Association's members serve more than 2 billion customers – over 82% of the world's mobile phone users.

The GSMA plays a pivotal role in the development of the GSM platform and the global wireless industry. Much of the GSMA's work is focused on two areas: Emerging services and emerging markets. The GSMA helps its members develop and launch new services, ranging from mobile instant messaging to video sharing to mobile Internet access, which will work across networks and across national boundaries. At the same time, the GSMA is heavily engaged in the industry's push to extend basic voice and text services to more people in emerging markets.

GSM is an evolving wireless communications standard that already offers an extensive and feature-rich 'family' of voice and data services. The GSM family of technologies consists of today's GSM, General Packet Radio Service ([GPRS](#)), Enhanced Data rates for GSM Evolution ([EDGE](#)) and third generation GSM services ([3GSM](#)) based on W-CDMA and HSDPA access technologies. Together these technologies underpin the GSM platform. The [GSM Association's Board](#) comprises top-level representatives of some of the world's leading mobile operators, such as Cingular Wireless, China Mobile, Orange, Telefonica Moviles, T-Mobile and Vodafone.



# Systems, Communications and Networks

SCN is an independent professional services company providing consultancy, technology training, manpower services and network & cable installation both in the UK and overseas, and have embraced both the needs for IT and telecommunications convergence, and voice/data integration.

We pride ourselves on being able to provide for our customers a fully managed technology training service, sometimes taking a holistic view of their training needs before recommending a solution. Our clients are in telecommunications, Information Technology and other commercial organisations, including Government departments and small to medium sized businesses.

Since becoming a member of the United Kingdom Telecommunications Academy (UKTA) SCN have provided many places on its courses on a global basis, and have trained hundreds of students on their behalf.

“The UKTA has provided wonderful opportunities to managers and engineers from countries who are now developing or upgrading their telecommunications and IT infrastructures. We are very proud to have been a part of this exciting and worthy process, and have enjoyed the multi-cultural environment it has created whilst benefiting from the friendships and business relationships it has brought”

*Chris Pugh,  
Managing Director*

[www.scnlttd.com](http://www.scnlttd.com)



# Thus

THUS is a UK-focused business telecommunications company with a strong belief in its people and the services it provides to customers. At THUS, we have a world-class next-generation network (NGN), enabling us to deliver innovative and effective solutions to large organisations in the fast changing communications environment. Our early implementation of MPLS IP VPN technology has put us at the forefront of convergent solutions since the beginning, giving us the expertise that our customers need today and in the future.

Under our Demon brand, we are also able to offer a full suite of advanced business communication services to small and medium-sized enterprises, ranging from broadband and MPLS to High Speed Internet and VoIP. With more than 1700 employees and an experienced board of directors, THUS has vast knowledge of the telecoms industry and many years of experience working with customers to ensure they benefit from the right solutions, at the right price, driven by the right people.



# FML is Proud to Support the UKTA

Since 1994, FML has led the way in providing revenue assurance, fraud and security management services to the communications and finance industries. Through our **Business Value Assurance**® approach we deliver effective consultancy, system and training solutions, enabling our clients to improve profitability and customer service.

All of our consultants operate on a global basis gaining valuable experience of different markets, networks and products. Our experience of managing revenue leakage for clients in both developing and mature telecommunications markets presents an unrivalled source of expertise - independent of system vendors within the marketplace - enabling us to provide best practice advice and support to our customers without fear of conflict of interest.

Our solutions are truly business-focussed and our dedication to quality and customer service means that many of our customers develop long-term relationships with FML, using us to deliver specific improvement initiatives, or to provide ongoing support and performance evaluation.

FML is also one of only two official auditors to the GSM Association's Security Accreditation Scheme for suppliers and has played a major part in developing the standards against which certification is carried out.

Find out more about our products and services at:

[www.fmlsolutions.com](http://www.fmlsolutions.com)



# Infocomm Consultancy Ltd

Infocomm Consultancy Ltd. is a 21<sup>st</sup> Century service provider that also offers consultancy to customers all over the world using the experience gained in provisioning and creation of those services. As a member of UKTA, Infocomm fully shares the view of transferring the knowledge gained in UK which is one of the most successful EU markets, with the organisations that are trying to improve the regulatory and technical infrastructure of their own countries.

Infocomm Consultancy Ltd. is the owner of Chip-Chat group of services. These services are designed to address the changing needs of the businesses and residential users due to changes in the technologies and the rapidly progressing convergence. Infocomm aims to have an alternative approach to emerging technologies like IMS, fixed mobile convergence and roaming issues. Services offered always aim to provide easy solutions to the ongoing technological challenges and are reflections of our philosophy to provide tomorrows technology today at an affordable cost.

Our participation in UKTA is a very good opportunity for Infocomm to share its expertise with other organisations, and transfer the technical and regulatory expertise from UK to other countries that can benefit from this.



# St Patrick's College London

St Patrick's College was founded in 1803 and is located in the very heart of London. The College boasts an impressive list of accreditations and quality certifications, including full accreditation from the British Accreditation Council and collaborative partnerships with UK universities. We provide educational services to about 1600 students from over 40 countries.

The College offers a range of innovative and vocational courses, including a BTEC Edexcel Higher National Certificate and Higher National Diploma (HND) in NETWORK ENGINEERING and TELECOMMUNICATIONS SYSTEMS (NETS). Upon successful completion of the HND, students can achieve an authentic British University degree with one further year's study.

The NETS course will provide students an understanding of Telecommunications, Information Technology and their convergence. Students will learn about Telecommunications & Networking Technologies, the infrastructures that underpin these, including switch engineering and the requisite software platforms. Students will also get an overview of the Telecoms business environment, a topic which is increasingly important globally.

In addition to NETS and other disciplines of IT, we also offer ground breaking courses in Accounting, Business & Management, Fashion, Healthcare, Hospitality and Law.

The staff at St Patrick's College are highly qualified academics and experienced industry professionals. Students graduating from our College achieve excellent results and are well placed to make an immediate and practical contribution to the development and prosperity of their countries when they return home and take up employment or resume their careers.

The quality of our education is very high, and the prices of our courses very low. And our students have all the amenities of Central London right on our doorstep!

For further information contact:

St Patrick's College  
24 Great Chapel Street  
London W1F 8FS

[www.st-patricks.ac.uk](http://www.st-patricks.ac.uk)

e-mail enquiries@st-patricks.ac.uk



[www.ukta.co.uk](http://www.ukta.co.uk)

