Newsletter of the Federation of Telecommunications Engineers of the European Union

Forur

To boldly go ...on-line any time, anywhere. A vision for the future of ICT services

This intriguing title, which will be recognised by Star Trek fans, is the theme for the 2004 FITCE Congress, which is being held at the International Congress Centre in Ghent, Belgium, from 8–11 September 2004. The 'Mission' for FITCE Belgium is to make this year's Congress another outstanding success for FITCE.

Planning for this year's Congress has been going on for many months, and now the fruits of this careful planning have come to bear with another impressive congress for FITCE, its 43rd.

This edition of the *Forum* is devoted almost entirely to information about the Congress. Here you will find welcome messages from Carlos González Mateos, President of FITCE; José Van Ooteghem, President of FITCE Belgium, who has led the organisational work for the Congress; and Prof. Paul Lagasse, Chairman of the Technical Advisory Board for the Congress.

The International Technical Committee had a challenging task deciding on the final Congress programme from a record 96 proposals for papers. On page 8 you can read the 'mission report' from committee chair-

FITCE Forum

www.fitce.org

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man Marc Verbruggen. On pages 4 and 5 you can examine the excellent programme that his team has devised. The programme includes invited keynote speakers from a number of senior industry players.

As has been done over the last few years, the Proceedings of the Congress will be produced in printed form to a high standard in collaboration with The Communications Network, based in the UK. All FITCE members will receive a copy of this document after the Congress. However, receiving the Proceedings by post, or reading the papers on the Web, is no substitute to participating in the Congress itself. The Congress will create a unique atmosphere for colleagues from across the European ICT industry to discuss the issues raised at the Congress. Pages 6 and 7 include the registration form for the Congress and all details about registration fees and booking hotels.

Throughout its history, Ghent has always been a gateway to the world and has played an active part on the international scene. With its numerous shops, restaurants, museums and places of historic interest, Ghent is an ideal place for delegates to spend some time. The familiar Ghent skyline comprising the three towers of St Nicholas' Church, the Belfry with its bell tower and St Bavo's cathedral form the basis for the logo

(courtesy Tourism Flanders)

designed for the Congress. Delegates may consider bringing their partners, who will also have the opportunity to enjoy the Congress partner programme, which includes a guided tour of the city, and visits to the tapestries of Oudenaarde and Bruges. Delegates and their partners will also enjoy a closing Gala Dinner at the Handelsbeurs.

So, there is much in store for visitors to Congress 2004. Don't miss this unique opportunity.

International Congress Centre, Ghent: venue for the 43rd FITCE Congress, September 2004





May 2004

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Federation of Telecommunications Engineers of the European Union Forum for European ICT professionals

43rd FITCE Congress 8–11 September 2004, Ghent, Belgium

under the patronage of His Royal Highness Prince Filip

Congress Address: International Congress Centre Ghent (ICC) Citadelpark - Ghent, Belgium

The 43rd FITCE Congress is organised in cooperation with Agoria and FITCE Luxembourg.



FITCE Luxembourg

MESSAGES OF WELCOME

Letter from the President of FITCE



For over forty years, the annual gathering of FITCE members for the European Telecommunications Congress has been the highlight of the organisation's activities. Each National Association pretty much leads its own life for most of the year but come Congress time, they all flock together for a big feast. Competitors become colleagues, colleagues friends and all join in celebrating one more year of greatness in telecommunications. Of course we all know that we have some rather gloomy years behind us and the signs of restoration are still rather timid. But all the while progress in the labs and strategising in the board rooms has been going on at a steady pace.

ICT professionals know that every year, for a few days, somewhere there is a place where collaboration and understanding are the prevailing sentiments inspiring to make the world a better place to live. This year,

Letter from the President of FITCE Belgium



In over 40 years of FITCE's existence, Belgium has always played a major role in its development, hosting the annual European Telecommunications Congress, also called the European International Telecommunications Days, in Brussels (1967 and 1973), Liège (1980) and Antwerp (1993). Now, for the fifth time in our long history, we are delighted to welcome FITCE members, along with other ICT professionals, to the 43rd Congress.

The venue chosen for the event is the easily accessible city of Ghent, which boasts a proud cultural heritage dating back to the Middle Ages. As Belgium's third largest city, Ghent combines an impressive past with a vibrant present as a key industrial, commercial, cultural and educational centre in Flanders. Indeed, today it ranks among the five most thriving European cities, making it a really interesting place to stay for business or leisure.

that place is the city of Ghent where, thanks to FITCE, many professionals will meet and collaborate in the conviction that more (tele)communication connects people in an ever tighter global network, fostering peace and blunting confrontation.

In its own modest way, civilisation is what FITCE is about, and I sincerely thank our Belgian friends for allowing us once more to meet and enjoy that precious good. This year's Congress again promises to be a top event for our association.

I'm looking forward to meeting you all in the beautiful city of Ghent. Make your stay in Ghent an unforgettable one!

Carlos González Mateos President FITCE

FITCE Congresses differ traditionally from other congresses by the relatively low admission fee, making it accessible to a wide audience. For this year's Congress, this has been made possible by partnering with the ICT industry and Ghent University, and by support from the government, Ghent City Council, AGORIA - the multisector federation of the technology industry-and the FITCE association of the Grand Duchy of Luxembourg. We would like to extend warm thanks to all those contributors.

Eleven years ago, our country organised the yearly FITCE summit in Antwerp. Since then, we have witnessed dramatic changes in the ICT world, and the telecommunications sector is now operating in a totally new and highly competitive environment.

For many years, the telecom industry has been dreaming of new broadband services,



2 → hoping for a real breakthrough. Today, thanks to advanced technologies, both in the wired and wireless networks, the dream is coming true. So it is not surprising that the Congress's main focus is on 'broadband services for fixed and mobile'. The Congress's motto is of course a reference to the popular SFepic Star Trek, suggesting that advanced and futuristic applications are no longer science fiction.

The various topics will be approached from multiple angles: vision, technology, infrastructure, services and applications, as well as marketing and socio-economic aspects. The participants will not only be offered highquality presentations, but will also have the opportunity to see demonstrations of state-of-the-art technologies and meet colleagues from all over Europe.

The year 2004 will be remarkable in many respects due to the expansion of the European Union with 10

additional countries, some of which are already members of FITCE while others have expressed an interest or are in the process of joining. We would like to extend a special invitation to them. Those four days will once more present a unique opportunity for an intense exchange of opinions, ideas, experiences, information about new trends, technologies and applications. And in line with the more than 40 years of tradition, let's not forget the many networking opportunities, presented by the excellent social and cultural programme both for delegates and their partners.

FITCE Belgium is looking forward to meeting you in Ghent in September.

José Van Ooteghem President FITCE Belgium

Letter from the Head of the Department of Information Technology, Ghent University, Chairman of the Technical Advisory Board



We are proud to host the 43rd FITCE European Telecommunications Congress in Ghent and to welcome telecommunication experts from all over Europe. Ghent, a city at the confluence of the rivers Schelde and Leie, was famous in the middle ages for its trade in luxury woolen cloth. The medieval centre with its beautiful St-Bavo's Cathedral, Belfry, Town Hall, Castle of the Counts and many other nice buildings will remind you of this wealthy period. Today, Ghent is the core city of a metropolitan area of more then 500 000 inhabitants and plays a central role in industry and higher education in Flanders.

Ghent University, with its 25000 students and 5500 staff members has obtained international recognition in several research fields (medical, bio-technology, engineering, ...). In the field of telecommunications, the Department of Information Technology is playing a leading role in research focused on physical, network and application layer aspects. The department is collaborating with many major European telecom vendors, operators and research institutes in areas including personal networks, broadband access and home networks, mobile multimedia networks and applications, photonic networks, service management and distributed software technologies.

It was a pleasure to contribute to the paper selection leading to an excellent technical program for this widely recognized conference. We are looking forward to welcoming you in Ghent and to make 'To boldly go ... online anytime, anywhere' a reality.

Prof. Paul Lagasse

Head of the Department of Information Technology, Ghent University, Chairman of the Technical Advisory Board

Congress 2004 Partners

The organising committee would like to express its sincere thanks to the partner organisation. Without their support and collaboration, the organisation of the 2004 Congress would not have been possible.



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FITCE Congress 2004

8-11 September 2004, Ghent, Belgium

ADVANCE PROGRAMME

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09.00-10.30	Registration
07.00-10.50	Welcome-coffee
10.30-12.00	Opening Ceremony
10.50-12.00	Speeches by:
	José Van Ooteghem, President of FITCE Belgium, President of the Congress
	Carlos González Mateos, President of FITCE Europe
	Frank Beke, Mayor of the city of Ghent
	Fight Bere, Mayor of the City of Ghent Fientje Moerman, Minister for Economy, Energy, Foreign Trade and Science Policy
	Erkki Liikanen, EU-Commissioner for Enterprise and Information Society
12.00-14.00	Lunch
12.00-14.00	
14.00-15.50	Session 1: Vision Towards 2010, Chair: Marc Verbruggen, 2MM, Belgium 1.1 Keynote speech: Broadband for all: Belgian initiatives in the framework of eEUROPE — Prof. Paul Lagasse, Head of
	the Department of Information Technology, Ghent University
	1.2 Keynote speech : Making High Speed Services a Reality — Scott Alcott, President Wireline Business Unit, Belgacom
	Management, Professor of Technology Management and Asian Business and Comparative Management, INSEAD Deputy
	Dean, Dean of Administration
	1.4 Keynote speech : First experiences with the new Regulatory Framework in the Belgian Institute for Post and
	Telecommunications, the Independent Regulators Group and the European Regulators Group — Eric Van Heesvelde, Chairman of the Council, BIPT, the Belgian regulatory body for postal services and telecommunication
15.30-16.00	Coffee break
16.00-17.30	
10.00-17.30	Session 2: iDTV Vehicle to the Future, Chair: Wim van der Bijl, Cap Gemini Ernst & Young, The Netherlands
	2.1 Future Residential Services — lessons from the past, models for the future — Barry Reynolds, eircom, Ireland
	2.2 Dynamic Value Constellation for the Creation of Innovative Services via the Exploitation of Interactive Digital Television Infrastructure — Ioannis Chochliouros, <i>OTE, Greece</i>
	2.5 Delivering Video Services over Broadband Networks — from theory to practice — Aviv Ronai and Ehud Hai, <i>ECI</i> ,
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	Israel Welcome ReceptionCity Hall of Chant
19.00-20.00	Welcome Reception — City Hall of Ghent
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16.00–17.30	Session 6: Fixed Mobile Convergence; here at last? Chair: Prof. Andy Valdar, Un 6.1 4G Networks: Global Vision, Reference Architecture and Applications — Céss	ar Briso-Rodríguez, Ericsson, Spain
	 6.2 Mobile Convergence with Landline/Intelligence — Martyn Gibbs, BT, United K 6.3 Securing 3G-WLAN interworking — Marc Blommaert, Siemens, Belgium 	ingdom
	6.4 A Four-Tiered Hierarchy in a Converged Fixed-Mobile Architecture Enabling Pe and Ramira Hekmat, TU Delft, The Netherlands	ersonal Networks — Nico Baken, KPN,
19.30-23.00	6.5 Deploying WiMAX certified Broadband Wireless Access Systems — Cristian P Get-together at the Castle of the Counts	atachia, University Politehnica, Rumania
	eptember 2004	
09.00-10.30	Session 7: Running the Network, Chair: Prof. Leo Van Biesen, Vrije Universiteit Bru	ussel Belgium
07.00 10.50	7.1 How will Ethernet based Services increase Service Provider profits — Bart Va	ndevelde, Cisco Systems, Belgium
	 7.2 ASTN Function for Transport Service Enhancement — Giovanni Fiaschi, Marce 7.3 Integrated Service Management with OSS/J — Roland Volk, IP VALUE, German 	
	7.4 The use of Optical Connectors in the Outside Plant — Daniel Daems, Tyco El	
10.30–11.00 11.00–12.30	Coffee break Session 8: Delivering Services to the Office, Chair: Prof. Claudio Feijóo, Universi	dad Politécnica de Madrid, Spain
	8.1 <i>Keynote speech</i> : Value Added Services in a Broadband World — Alan Mottra <i>Alcatel</i>	m, President, Fixed Solutions Division,
	 8.2 Applications and Services for the Corporate Enterprise Market — Matthew Fi 8.3 IP Telephony from a Corporate Perspective — Edwin Ronacher and Peter Hat GmbH, Austria 	
12.30-14.00	 8.4 Softswitches and the Death of the PABX — also In Memoriam of the Last/Golden 8.5 New Video Services for the Telecom Industry — Robert Wu, <i>Barco, Belgium</i> 	Mile — Gery Pollet, Aquanta, Belgium
12.30-14.00	Lunch Session 9: Services of the Future Network, Chair: Panagiotis Dallas, INTRACOM,	
	9.1 Keynote speech: Breaking the barriers between home, enterprise and carriers to upcoming expectations of the Market — Alexander Dewulf, Vice President 1	
	Corporate Accounts, Member of the Board, Information and Communications, Sien	mens Belgium
	 9.2 Unified Personal Services: Market Drivers and Technologies — Marc Roelands 9.3 Content Delivery Networks — Wim van der Bijl, <i>Cap Gemini Ernst & Young, T</i> 	
	9.4 Grid Computing: the next Network Challenge — Bart Dhoedt, Ghent Univers	
15.30–16.00 16.00–17.30	Coffee break Session 10: Future Network Challenges, Chair: Giulio Miceli, Marconi, Italy	
	10.1 Keynote speech: Evolving Architectures and Technologies to address Operate Network Strategy Lead, Chief Technology Office, Marconi	ors' NGN Challenges — Phil Healy,
	10.2 eCommerce Business Models for eMusic over Broadband — Rogelio Segovia, E	
	10.3 Using ITU-T X.805 for Comprehensive Network Security Assessment and Pla Technologies, Belgium	nning —Yannick Bourque, <i>Lucent</i>
	10.4 Enabling Flexible Working with Hybrid IP VPNs — Tim Hubbard, Nortel, Unit	
18.00-20.00	10.5 Broadband: why aren't people more demanding? — Dave Simpson, <i>Easynet</i> , U Visit to the International Fair of Gent. Theme: 'Broadband Technology in Daily Life' (1)	
Saturday, I I	September 2004	,
09.00-10.30	round-table: Highlights reviewed — Capturing the key messages	
10.30-11.00	Chair: Prof. Piet Demeester, Chairman Technical Working Group, <i>Ghent University, Belgiu</i> Coffee break	m. Members: Congress session chairmen.
11.00-12.30	General Assembly for FITCE members	
19.30–	Gala Dinner at the Handelsbeurs	
Partner Pro		CONGRESS CONTACTS
Wednesday, 8 09.00-10.30	September 2004 Registration	Congress Secretariat Semico n.v.
	Welcome-coffee	Seminar and Congress Organisation
10.30-12.00 12.00-14.00	Opening Ceremony Lunch	Korte Meer 16 B-9000 Gent, Belgium
14.00-16.30	Guided visit to Ghent	Tel. +32 9 233 86 60
19.00-20.00	Welcome Reception — City Hall of Ghent	Fax +32 9 233 85 97 Email: fitce@semico.be
09.00-17.00 19.30-23.00	eptember 2004 Tapestries of Oudenaarde (lunch included) Get-together at the Castle of the Counts	Organising Committee
Friday, 10 Sep	-	v.z.w. FITCE Belgium a.s.b.l.
09.00-17.00	Medieval Splendours of Bruges(lunch included)	Diamant Building Boulevard Auguste Reyerslaan 80
18.00-20.00	Visit to the International Fair of Gent. Theme: 'Broadband Technology in Daily Life' (to be confirmed)	B-1030 Brussels, Belgium
Saturday, 11	September 2004	Email: Ghent2004@fitce.be www.fitce.be
19.30-	Gala Dinner at the Handelsbeurs	

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FITCE 2004 September 8-11

FITCE Congress 2004

8-11 September 2004, Ghent, Belgium

REGISTRATION FORM

(can be downloaded from www.fitce.org/Ghent/index.htm)

Please return this form to:

Semico nv, FITCE, Korte Meer 16, Belgium - 9000 Ghent Fax: +32 9 233 85 97 — Email: fitce@semico.be

Participant	Prof.	Dr.	M	1r. 🗌 Mrs	. 🗌 Miss	Other	
Family Name:				First Name:			
Employment Profile:				Age:			
Company/Institution:				VAT number:			
P.O. Box/Street Address:			·				
Zip Code and City:			Country:				
Telephone:		Fax:			Email:		
FITCE Member	Yes	No					
Accompanying Person(s)	Prof.	Dr.	۲ <u>ا</u>	1r. 🗌 Mrs	s. 🗌 Miss	Other	
Family Name:	•			First Name:			
	Prof.	Dr.		1r. 🗌 Mrs	. Miss	Other	
Family Name:				First Name:			

Section A: Registration	(Prices in euro, VAT 21% included)			Euro
Delegate	Paid before 30 June 2004 (price/person)	Paid after 30 June 2004 (price/person)	Number of persons	
FITCE Member	350	450	×	
FITCE Non-Member	700	900	×	
One-day registration Delegate				
FITCE Member	200	250	×	
FITCE Non-Member	400	500	×	
Student*				
Full registration Student*	250	300	×	
One-day registration Student*	150	200	×	
Accompanying Person				
FITCE Member	150	200	×	
FITCE Non-Member	300	400	×	
* Those registering as students must attach proof of student status to the registration form	Total Section A			

Section B: Social Programme		(Prices in euro, VAT 21% include	ed)
	Date	price/person	N° persons
Welcome Reception	8 September	incl.	
Get-together Castle of the Counts	9 September	incl.	
Fair: Broadband Technology in Daily Life	10 September	incl.	
Gala Dinner (Handelsbeurs)	I I September	incl.	

Section C: Partner Programme		(Prices in euro, VAT 21% included)	
	Date	price/person	N° persons
Guided visit Ghent	8 September	incl.	
Oudenaarde with tapestries	9 September	incl.	
Medieval Splendours of Bruges	10 September	incl.	

Congress 2004

rrival date /	Departure date/	N° nights:	
Type of rooms — please tick (✔)	Single Double		
	Rate (Euro)	N° nights	Payment
Category	Single Double		
★★★★ Luxe			
Sofitel Ghent	230 254		
NH Ghent Hotel	150 160		

Holiday Inn UZ	145 158		
Best Western Hotel Chamade*	107 125		

Ghent River Hotel	162 198		
Gravensteen Ghent	152 190		
Novotel Ghent	157 171		
Poortackere	90 15		
Ibis Cathedral	98 108		
Ibis Opera	96 106		
New Carlton*	68 79		
Ascona Hotel*	66 79		
* At walking distance from ICC	Total Sec	tion D	

No confirmation can be supplied unless we receive your payment for the hotel.

Please send me information about Youth Hostel and Bed & Breakfast accommodation.

Section E: lotal Payment	(in euro, VAT included)	
Section A to D	Total Payment:	

Having signed below, I herewith confirm that I have read and am fully aware of the cancellation conditions stipulated in the announcement (see panel)	Extra fees (21% VAT included) Extra copy of Proceedings (at registration desk only): €50
Date: Signature:	Cancellation until 30.06.2004: Free of charge Cancellation after 30.06.2004 (fee per person): €100 Change of name (at registration desk only): €20
 All payments should be made in Euros and made out to Semico n.v., attn. FITCE 2004. Mark your payment with your name. Please indicate which of the following means of payment you have used — please tick (✓). Bank Transfer: KBC, Dorp 35, 9810 Nazareth, Belgium, account number 737-0091530-05 	Registration fee for delegates includes: • Attendance to all conference sessions • Daily coffee breaks and work lunch • Attendance to Congress social events • Proceedings
IBAN: BE96 7370 0915 3005 BIC: KREDBEBB Visa American Express Eurocard/Mastercard Cardholder Name: Expiry Date:	Registration fee for accompanying persons includes:• Attendance to Congress opening session• Excursions mentioned in the accompanying persons programme• Attendance to Congress social events
Card Number:	 Registration fee for students includes: Attendance to all conference sessions Daily coffee breaks and work lunch One-year membership of FITCE Belgium One day registration fee includes: Same content but only for the day
Emergency Information (Persons(s) to contact in the event of any emergency)	 Proceedings Social event if room available
Contact Name(s):	On-site registration is offered during the Congress at
Email::	the registration desk. On-site registration fees are
Fax: Phone:	available at www.fitce.org/Ghent/index.htm

(Country code + area code + number)

Mission accomplished!

Ghent 2004 International Paper Selection Committee meeting

On Friday 5 March the International Technical Committee had its Technical Paper Selection meeting in Ghent. Hosted by the Ghent University the participants enjoyed the facilities of '*t Pand*, a beautiful ancient cloister adapted to today's standards for conference facilities.

The task this committee faces is increasing from year to year as the number of paper abstracts once more beat the record: this year we received 96 abstracts of very high quality! On behalf of the Technical Committee we would like to express our appreciation for the effort put in by authors all over the globe!



Marc Verbruggen

The difficult task to select 45 papers was in the hands of

Piet Demeester (Belgium), Egied Dekoster (Belgium), Hans-Otto Ehmke (Germany), Andy Valdar (UK), Wim van der Bijl (The Netherlands) and Marc Verbruggen (Belgium).

All paper abstracts were evaluated by the individual committee members on their merits with respect to novelty, clearness, structure and fit to the Congress topics and layout.

The Committee then had to map the selected papers into 10 balanced sessions covering the Congress themes (Mobility, Corporate and Carrier Services, Residential Services) from the various angles (Vision, Technology/Infrastructure, Services/Applications, Marketing/Socio-Economics/Legal).

The Paper Selection Committee looks forward to meeting all of you at the Congress and 'eat the pudding'!

Marc Verbruggen, Chairman International Technical Committee



Ghent Papers Selection Committee (left-right): Egied Dekoster, Piet Demeester, Wim van der Bijl, Hans-Otto Ehmke and Andy Valdar. Chairman Marc Verbruggen was behind the camera!

Regulation in focus

FITCE Members were among the presenters at a colloquium entitled 'The Role of Communications Regulation in the Digital Age' staged recently by The Communications Network in conjunction with FITCE UK in the historic auditorium of the Royal Institution of Great Britain in London.

The two members were Peter Walker, Senior Adviser, Technology Strategy, Ofcom, and President of FITCE UK, who discussed the new regulatory regime in the UK and the new European framework in his presentation entitled 'New Regulator, New Regulation', and Sergio Ramos, Pre-Accession Advisor for the European Union in Latvia, who spoke about 'New Perspectives on Broadband and Public Policies'. The other speakers were Ian Morfett, BT; Julian Keeley, O,; and Dave Simpson, Easynet Group plc.

The event, chaired by FITCE member John

Griffiths, from Queen Mary, University London, attracted approaching 200 people.

Opposite: (left-right) John Griffiths, Peter Walker, and Sergio Ramos



Priority ICT areas under the Irish Presidency of the European Union

The primary aim of the Irish Presidency will be to focus the Lisbon agenda on key priorities for 2004 and give new impetus to achieving the 2010 goals. The Irish Presidency Programme identifies four priority objectives. These are:

• A successful enlargement of the EU to include 10 new Member States.

• Working Together for Economic Growth, with emphasis on pursuing the Lisbon Strategy to make Europe the most competitive economy in the world.

• A Safer Union, by developing the Union as an Area of Freedom, Security and Justice.

• Global Engagement with the Outside World. The EU will work towards the promotion of a fairer, peaceful and more secure world.

The Irish Presidency sees the mid-term review of the eEurope 2005 Action Plan, to be undertaken during the first half of 2004, as affording the opportunity to realign the eEurope strategy, taking cognisance of the vital role played by broadband in fostering an inclusive Information Society for all, as well as a vibrant knowledge economy. In addition to evaluating progress, this review will provide a mechanism to adjust the Action Plan, where necessary, to take account of EU enlargement, technological advances, the evolving nature of the Information Society (IS) agenda, and new financial models to fund IS initiatives. It is envisaged that any proposed adjustments to eEurope 2005 will be considered by the June 2004 European Council .

Another key priority for the Irish Presidency will be to maintain the political debate on the Situation in the Electronic Communications Sector.

The Irish Presidency will also seek to: • support non-regulatory initiatives for Internet safety by progressing the 'Safer Internet' action plan dossier (the successor to the current Safer Internet programme); • facilitate the development, use and distribution of European digital content on global networks and promoting linguistic diversity in the Information Society by progressing the 'eContent' dossier (the successor to the current eContent programme);

• further stimulate the debate on eGovernment by hosting an international conference in Dublin; and hold discussions on the follow-up to the World Radio Conference, organised by the ITU in Geneva from 9 June to 4 July 2003.

Filip Geerts

Secretary General FITCE

Editor's note

We are always pleased to receive contributions of articles to the *Forum*. Articles can be on any topic of interest to ICT professionals, they do not need to be very long, but they should be illustrated wherever possible. Send your articles to the editor Paul Nichols at forum@fitce.org.