

ITSF 2015 - Introduction



ITSF 2015, Edinburgh, Scotland
2-5th November 2015

Charles Curry BEng, CEng, FIET
Chronos Technology Ltd

Welcome to eie!



- Executive Industry Events
 - Andy Bateman & Carole Mayhew
- AV – Mike Godden



Home Programme Exhibiting Sponsors Register Venue Steering Group Timelord Award Downloads Tech Demos

ITSF 2015

Time Everywhere
Time and Synchronisation in
Telecoms

Sponsors

GOLD

SPIRENT

Edinburgh, UK
2nd - 5th November

Follow

"The critical role of timing in the network will only intensify in the design and implementation of 5G"

The image shows a screenshot of the ITSF 2015 website banner. It features a navigation bar at the top with links: Home, Programme, Exhibiting, Sponsors, Register, Venue, Steering Group, Timelord Award, Downloads, and Tech Demos. The main banner area has a dark background with a cityscape at night. On the left, there's a large text "ITSF 2015" and "Time Everywhere Time and Synchronisation in Telecoms". On the right, there's a "Sponsors" section with a "GOLD" award icon and the "SPIRENT" logo. Below that, it says "Edinburgh, UK" and "2nd - 5th November". There's also a "Follow" button with a Twitter icon. At the bottom, a blue bar contains the quote: "The critical role of timing in the network will only intensify in the design and implementation of 5G".

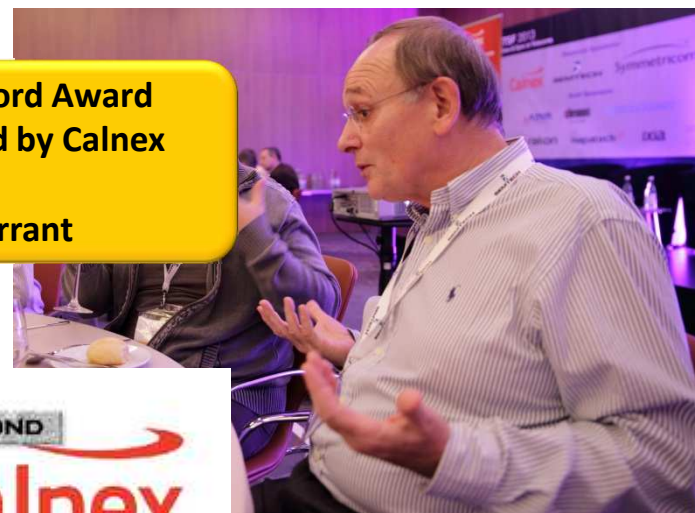
The ITSF Time Line – 2015

ITSF 2015 – Edinburgh
Waldorf Astoria



ITSF 2015 – TimeLord Award
Dinner – Sponsored by Calnex

Jean-Loup Ferrant



ITSF 2015 – IceBreaker
Whisky Experience sponsored by
Oscilloquartz



**173 Registered
82 First Timers**



ITSF 2015 – “Time Everywhere”



- Monday - Tutorial Sessions

- Tuesday : Day1: 09:00-17:45

- Session 1: 09:00-12:10 “Telecom Networks’ Evolution”
- Session 2: 12:10-17:05 “Sync in Mobile Networks - Moving Towards 5G”
- Panel Session: 17:05-17:45 – Chaired by Rich Lansdowne
- IceBreaker: 18:30 - “The Scotch Whisky Experience”



- Wednesday : Day2: 08:30-16:45

- Session 3: 08:30-11:05 “Time Services: Applications and Opportunities”
- Session 4: 11:05-12:20 “Time for Innovation”
- Session 5: 13:20-17:10 “Time for 'Good Vibrations' ”
- **ITSF AGM**: 17:10-17:30
- Gala Dinner & TimeLord Award: 19:00 – Jean-Loup Ferrant



- Thursday : Day3: 08:30-16:45

- Session 6: 08:30-12:45 “Reality Checks, Testing, Case Studies”
- Session 7: 13:45-15:55 “Threats, Vulnerabilities, Solutions, Mitigation, Cyber threat”
- Panel session and wrap up : 15:55–16:45 – Chaired by Charles Curry

The ITSF Time Line – 2001-5



ITSF 2001 - London
Royal Garden,
Kensington



ITSF 2005 - London
IEE, Savoy Place



ITSF 2004 - London
IEE, Savoy Place



2001

2004

2005

2006

2007

2008

2009

2010

2011

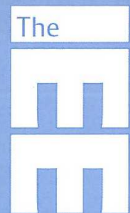
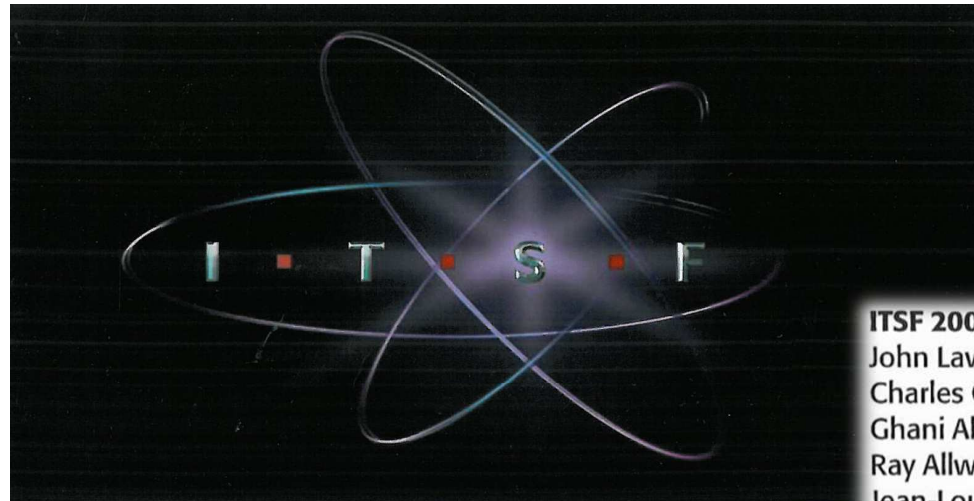
2012

2013

2014

2015

Remember Back to 2004!



Engineering the future

ITSF 2004

The 2nd IEE International
Telecommunications Synchronisation Forum

1 – 3 November 2004
IEE, Savoy Place, London, WC2R 0BL, UK

Technology Overview and Update Workshop:
Monday, 1 November 2004
Main Conference: Tuesday & Wednesday 2 & 3 November 2004

A 3-day papers driven telecom industry forum and workshop,
focusing on developments, techniques, issues, problems and
solutions relating to synchronisation and timing applicable to the
Telecoms Industry. The social programme includes a flight on the

ITSF 2004 Steering Group

John Lavery, National Physical Laboratory, UK (Steering Group Chairman)

Charles Curry, Chronos Technology, UK (Conference Chairman)

Ghani Abbas, Marconi Communications, UK

Ray Allwood, O2, UK

Jean-Loup Ferrant, Alcatel, France

Charlie Ferreira, Symmetricom, UK

Mike Gilson, BTextact, UK

Phil Johnson, Easynet, UK

Martin Kingston, Orange, UK

Roe Rae, Connor Winfield, USA

Dominik Schneuwly, Oscilloquartz, Switzerland

Marc Weiss, NIST, USA

Ian Wright, Chronos Technology, UK

For a full who's who of the Steering Group please visit:

www.telecom-sync.com/

The ITSF Time Line – 2006-8



ITSF 2006 – Prague
Corinthia Towers



ITSF 2007 – London
IEE, Savoy Place



ITSF 2008 – Munich
City Hilton



Gerhard Hubner



Mike Garvey



The ITSF Time Line – 2009-11



ITSF 2009 – Rome
Radisson Blu



**Judah
Levine**



ITSF 2010 – Dublin
The Shelbourne



**Hugo
Fruehauf**

**David
Allan**



ITSF 2011 – Edinburgh
Macdonald Roxburghe



The ITSF Time Line – 2012-14



**ITSF 2012 – Nice
Le Méridien**



**Giovanni
Busca**

**ITSF 2013 – Lisbon
EPIC SANA**



John Eidson

**ITSF 2014 – Budapest Kempinski
Hotel Corvinus**



**Gerhard
Thanhäuser**

2001

2004

2005

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

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House Rules

- Use House PC unless you have videos etc
- If your own PC, test it before the Session starts
- Speakers keep to time!
- No time for questions if less than 2 minutes left
- Clearly introduce yourself if asking questions
- Use roving microphone when asking questions

Thank You

- Delegates – Especially Yesterday
- Keynote Speakers Today
 - Zahid Ghadialy - Tech UK; Martin Kingston - EE
- Speakers
- Panels
- ITSF Steering Group
- Partner Programme
- Sponsors
 - Diamond, Platinum, Gold
- Executive Industry Events

Sponsors – Diamond & Platinum



Gala Dinner Sponsor



Lanyard Sponsor



Icebreaker Sponsor



Show guide Sponsor

Sponsors - Gold



Coffee Break Sponsor



Lunch Sponsor





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