

ICTS Region 1 Newsletter NL#36

The Hofbräuhaus and Ratskeller of Munich were certainly good places to debate technical and other matters during ETC'2008.

Now we have to act and the months to come are full of fascinating events.

ETTC'2009

Every other year the meeting takes place in France, in 2009 it will be in Toulouse (June 24-26).

The Programme Committee led again by IGA Pierre Bascary and the whole team of SEE/AAAF under the leadership of Guy Destarac are preparing a newlook Conference with two main themes,

-Space Telemetry,

-Test & Evaluation of all vehicules in space and on the ground.

See Annex 1 and <http://www.etc2009.org>

SAIAS'2008

Very soon a dynamic symposium, namely the 2nd South African International Aerospace Symposium, will be held at Spier Estate, Cape Town from 14 to 16 September 2008. For the first time SAIAS will include the Flight Test Society of South Africa.

ICTS will present 2 lectures (see annex 2 and 3)

See <http://www.sa-aerospace.co.za>

ITC (International Telemetering Conference)

It will take place in San Diego (USA) 27-30 October 2008. Dr. Michael Rice (Brigham Young University) and Dr. Kurt Kosbar (Missouri University of Science & Technology) are working hard to make possible a lively discussion at this meeting.

ICTS will have a whole session (see annex 4). **ICTS members will have to elect Officers (Chairman, Vice-Chair, Treasurer,..). All candidates are kindly requested to inform the regional coordinators.**

Several ICTS members will be in the Blue Ribbon Panel

Don't forget IFT (International Foundation for Telemetry), too.
See <http://www.telemetry.org> and <http://www.telemetryspectrum.org>

ITEA (International Test & Evaluation Association)

The 2008 annual ITEA International Symposium will take place in Atlantic City, NJ (Atlantic City Convention center) November 10-13, 2008.

Among its topics of interest are three subjects close to those to be discussed in Toulouse in 2009,

Spectrum encroachment issues,

International Tests & Evaluation,

T & E in Academic world (The use of academic resources to enhance T & E process).

See http://www.itea.org/2008_annual_symposium.asp

ITU-R

The next meeting of WP5B “Maritime mobile Service including Global Maritime Distress and Safety System (GMDSS); aeronautical mobile Service and radio determination Service” will be held in Geneva (October 29-November 11); in view of WRC'2011 contributions are welcome through National Frequency Agencies: it's never too soon to bring good ideas.

See <http://www.itu.int>


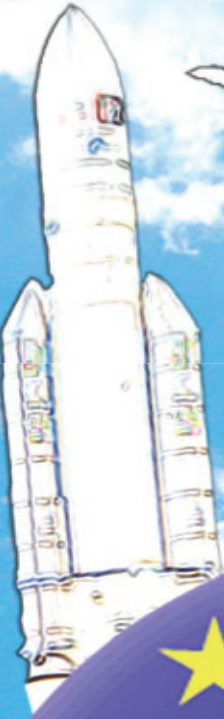
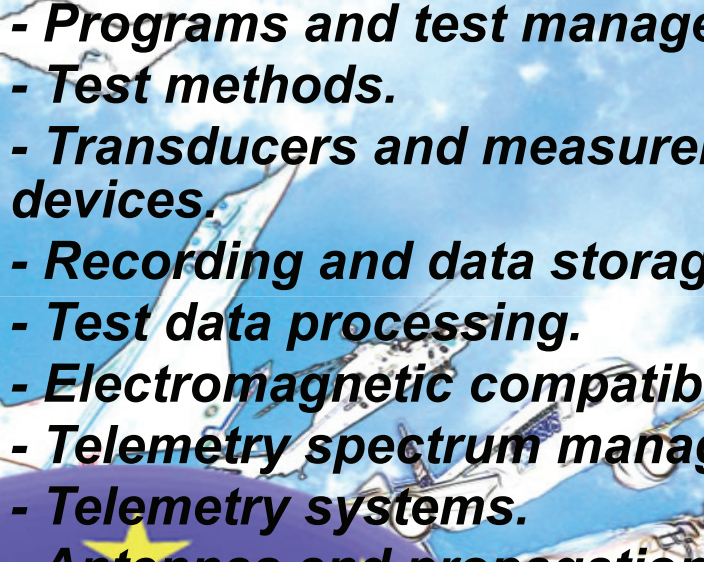


TOULOUSE-France
Centre de Congrès Pierre Baudis

June 24-26, 2009

**EUROPEAN TEST AND
TELEMETRY
CONFERENCE**

FIRST ANNOUNCEMENT

**Conference and exhibition on
testing methods and tools for
aeronautics, space and ground
transportation domains:**

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- **Programs and test management.**
 - **Test methods.**
 - **Transducers and measurements devices.**
 - **Recording and data storage.**
 - **Test data processing.**
 - **Electromagnetic compatibility.**
 - **Telemetry spectrum management.**
 - **Telemetry systems.**
 - **Antennas and propagation.**
 - **Test ranges, ground stations.**

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ETTC'09

WRC11 AGENDA ITEM 1.3 AND PROTECTION OF FLIGHT TEST TELEMETRY BANDS

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ABSTRACT

The World Radio Conference has allocated several frequency bands (160 MHz (5091-5250) in region I) , for flight tests only.

The same conference has opened , for WRC 2011, a new agenda item, AI 1.3, relative to UAS (Unmanned Aircraft System):

The WRC-11 agenda item 1.3 invites to define the regulatory conditions necessary to support the safe use of UA (Unmanned Aircraft) in unsegregated airspace.

The Resolution 421 adopted by WRC-07 anticipates the use of future UAS for different missions.

The purpose of this presentation is to present the different links needed for this purpose, some examples of possible applications, and to emphasise the need to protect the Flight Test Telemetry frequency band , where some of these links could be candidates.

ICTS will play his role in this agenda item by sharing informations on the definition of frequency bands and spectrum bandwidth which could be candidates, and supporting national frequency authorities in the defense of FT telemetry bands

THE POST-WRC 2007 POTENTIAL IN C-BAND FOR FLIGHT TEST TELEMETERING

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ABSTRACT

Based on Action Item 1.5 and the relevant investigations and studies, the World Radio Conference (WRC 2007) decided upon new additional frequency spectrum allocations for Aeronautical Mobile Telemetry (AMT). In the ITU-region 1 (Europe & Africa) the bands 5091–5150 MHz and 5150–5250 MHz may be assigned by the national spectrum regulation authorities to flight testing.

After reviewing the resolutions COM 4/2 and COM 4/7 (WRC-07) it is realized that C-Band becomes an attractive band for AMT. Future planning to greater utilize this band is presented.

Session 17 “Special Session”

Thursday, 30 October, 2008, 08:30 to 11:30 am

ITCS: Future Direction of International Telemetry

“Enroute to the new spectrum”

1. **Welcome of ICTS chairman & introduction**
Gerhard Mayer, University of Salzburg
2. **The ICTS, 10 years of intensive work towards the WRC 2007**
Darrell Ernst, The Mitre Corporation
3. **WRC-07 decisions on aeronautical mobile telemetry spectrum**
Brian Ramsay, The Mitre Corporation
4. **Regional impacts and status of implementations**
 - **Region 1 (Europe + Africa)** *Jean-Claude Ghnassia, ICTS*
 - **Region 2 (the Americas)** *Mikel Ryan, NAWC*
 - **Region 3 (Asia + Pacific)** *N.N., Australia*
5. **Agenda for the WRC 2011, requesting spectrum for UAV-payload telemetry**
Tim Chalfant, Edwards AFB