

EBU **TECHNICAL**



## Outline of the Radio Week/Summit

**Radio Summit**  
**16<sup>th</sup> February 2011**

**Mathias Coinchon**

EBU TECHNICAL

European Broadcasting Union



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# Welcome to Radio Week II Radio Summit III



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2009



2009

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- First Digital Radio Summit
- Centered on WorldDMB Receiver Profiles
- Archeology:  
<http://tech.ebu.ch/radiosummit09>



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2010



# 2010: First Digital Radio Week

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- RadioDNS organisation is born (16th Feb 2010)
- DRM Technical Committee meeting
- WorldDMB Technical Committee meeting
- IMDA TC & Steering board meeting



# 2010: Second Digital Radio Summit

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« What is the magic formula for Digital Radio ? »



Archeology: <http://tech.ebu.ch/events/digitalradio10>

# Summit 2010: The « Magic Formula »

**Broadband (Internet)**

**Broadcast**



**DAB/DAB+/T-DMB**



**DRM/DRM+**





# Summit 2010 « Magic Formula »

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# 2011

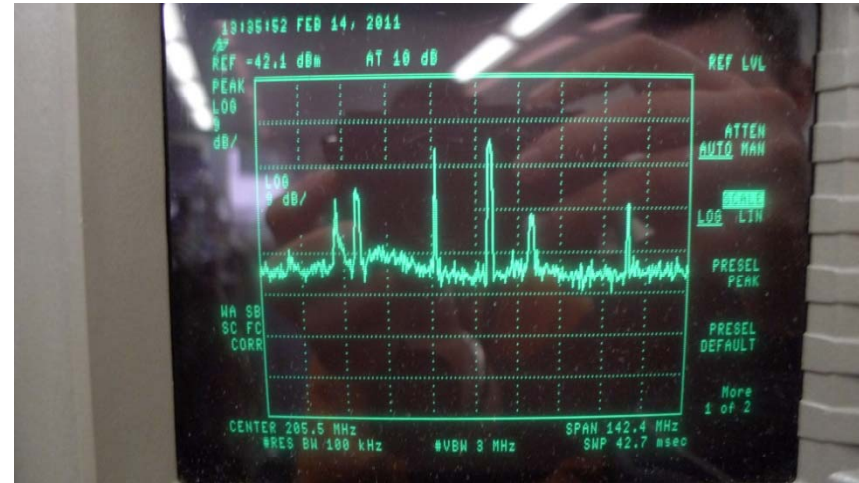
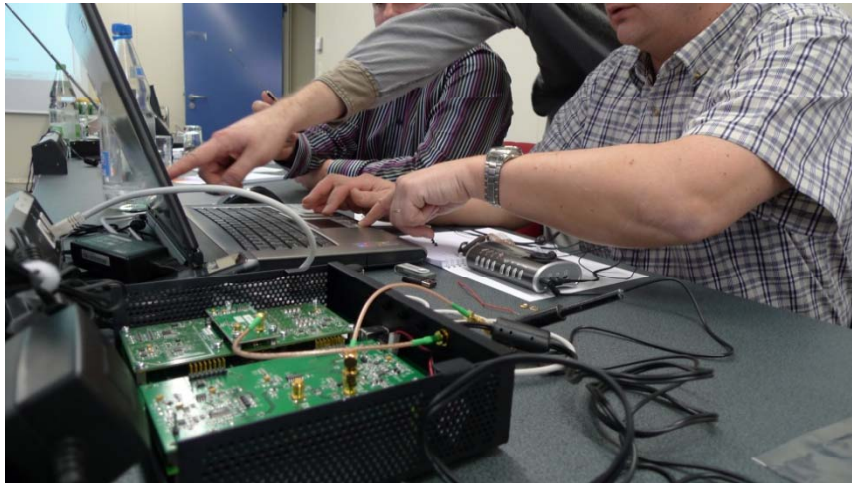


# EDRF: European Digital Radio Forum in 2011





# Radio Week 2011: CRC Software Radio Workshop



```
Connection to fbibm1.epfl.ch closed.
stan@buradio:~/Desktop/toolame-02l-jack$ grep get audio *h
audio_read.h: unsigned long get_audio (FILE *, short[2][1152], unsigned long,
stan@buradio:~/Desktop/toolame-02l-jack$ grep ringbuffer wr *c
audio_read.c:         jack_ringbuffer_write(rb, (void *) (in_left + i), sample_size)
audio_read.c:         jack_ringbuffer_write(rb, (void *) (in_right + i), sample_size)
stan@buradio:~/Desktop/toolame-02l-jack$ grep f2les *c
audio_read.c: * f2les -> float to little-endian short
audio_read.c: void f2les_array(const float *src, short *dest, int count, int normalize)
audio_read.c: } /* f2les_array */
audio_read.c:         f2les_array(jack sample buffer, sample_buffer, samples_read, 1);
stan@buradio:~/Desktop/toolame-02l-jack$
```



# Week 2011: RadioDNS Workshop





# Radio Week 2011: Other meetings

Yesterday:

- DRM Technical Committee
- RadioDNS General Assembly

Tomorrow:

- WorldDMB Technical Committee meeting
- IMDA Technical Committee, Task Forces, Steering Board



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# Radio is moving !



# Today, Radio Summit 2011

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- News from last EBU Digital Radio Conference
- European Commission view
- Update, report from the EDRF Organisations
- Business cases, Best Practices
- New technical territories, challenges
  
- But also to make contacts, discuss, speak, exchange







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