

Igino Manfre'

igino.manfre@gmail.com

www.iginomanfre.it

mobile: (+39) 335 8235346

5, Via Evemero,

00124 ROME, ITALY



October 2010

Born in Roma (Italy) in 1955

European Citizen, Italian Nationality

Social Security Code MNFGNI55H14H501N; VAT number (IT) 07651611001

Studies

1985, laurea (italian higher bs) in electronic engineering (analog and digital hardware design) at "La Sapienza" University of Rome with the thesis *Optical Data Storage: from the barcode to holographic memories* [103/110].

Professional Experience

About 30 years of experience in ICT; since 1988 as designer and system integrator of ICT systems for electronic publishing (videodisc, CD) and in **the last 20 years in television**. As Stream's MPEG lab technical manager since 1995 to 2001, my leading interest has been video compression within which I've had the opportunity – even collaborating with CSELT since 1989 – to live the birth and evolution of digital broadcasting toward MPEG and h264 within DVB framework. In **broadcast area** collaborating to the set-up (design and management) of Telecom Italia's **Stream**, the first MPEG based Video on Demand over ADSL of the world (a clone of Bell Atlantic Stargazer), after become the first DVB cable Tv and, last DVB satellite operator [since 2001 merged with Tele+ in Sky Italia].

I saw the birth of **Digital Terrestrial Television**, from the first announcements (Montreux 1999) to the collaboration with organizations aside the Communication Commissions boards (Fondazione Bordoni, 2005-6) during the studies for the Italian switch-off.

As consultant I contributed to the **roll-out of IpTV in Italy** (Fastweb, Alice, Wind), to mobile broadcast and management (troubleshooting of H3G's **mobile streaming** and in DVB-H in H3G and Alice).

As consultant I collaborated to the technical design and trainings aspects of HP Rome Digital Media Lab, now a worldwide reference at corporate level. Within last consultancy, 8 months long until april 2011, I care the system aspects of lab management and integration.

Since spring 2008 I collaborate as consultant with Interact SpA for Broadcast technologies and Video over IP aspects (between the many, design of the IpTV gateway of Italian Economy Ministry corporate tv, design of the newsroom Ip gateway of 2009 G8 summit held in l'Aquila, renew of streaming section of Italian Parliament website).

I've always care of storage aspects, as user (looking for disk performances and sizes, dealing with the early RAID systems, from VoD to newsroom needs), as well as designer for legal recording and broadcasting (in SHS Multimedia and as consultant of HP C&I).

Since february 2013 I'm collaborating to T3 project of RAI.

International Activities

Since 1997 I'm **SMPTE active member**. Since 90ies I regularly follow exhibitions and congresses worldwide.

In spring 2005 as consultant of the multichannel arab satellite operator **Orbit WLL** I collaborated to the move of production and trasmission plant from Italy to Bahrein.

In **early 90ies** realization with Alcatel Bell of one of the **first optical disc based multimedia electronic documentation system** for telephone switching systems (Multimedia2Go, within Impact **europaean project**). Between 1997 and 1999 on behalf of Stream I care a project of the fourth E.U. framework program finalized to the usage of **video and virtual reality segments in the e-commerce applications** at the time still rolling out (Teleshoppe, AC99).

Teaching

I held some lesson in masters focussed on broadcast video and media management in **La Sapienza** University of Rome (Communication dpt 2005, 2006; Mathematics dpt. 2008) and at ELIS (1999, 2000, 2006).

Foreign Languages

good professional spoken and written English, (frequent travels Europe and abroad since 80ies, english technical texts writing). Basic French and Spanish (south America [1988], France and Belgium [many times], Algeria [1985, 1989]).

Information Technology Knowledge

- realtime and offline video encoding systems, broadcast/content encoder, targetting internet narrow/broadband diffusion.
Subjective and Objective quality evaluation.
- multiplexing, transrating, transcoding, transmultiplexing environments.
- *convergent* systems design, (broadcast television - internet bridging)
- etherogeneous operating environment (Unix [Irix, Linux, Solaris], Windows, others), in physical as well virtual environment (such as VmWare)
- system management, LAN design, bridging and gatewaying between networking and broadcast television, streaming
- usage of network troubleshooting and management instruments
- any office automation and graphical software as worktools (for design and ordinary office activity).

Hobby

reading, biking, walk in the nature

Availability

Immediate as consultant within a structured collaboration plan

I hereby authorize to deal with my personal data as of Italian law 196/03 (privacy act)



Iginio Manfre'

Rome, February 28th , 2014