

Title: DVD Production and Authoring

Duration: 3 days

Summary: The seminar covers every single step on the making of a DVD title, including intensive hands-on practice on authoring and design. It defines the most important concepts of the DVD format, together with an in-depth explanation of the production stages in the creation of a title, with emphasis on the interactivity concept.

The attendees will receive Official Certificate of Assistance, delivered by the Audio Engineering Society of Argentina.

Content (theory):

- The Digital Video Disc: History of its evolution as a universal multimedia support
- The DVD Family: formats and capacities
- Components for the implementation of an authoring system
- Start-up of an authoring system
- Workflow of a typical title development
- In-depth analysis and explanation of the productive chain, including the following steps:
 - Asset preparation
 - Video compression (MPEG-2)
 - Audio encoding (Dolby Digital 5.1 or AC-3)
 - Menus design
 - Subtitles preparation
 - Other elements (animations, subpicture overlays, etc.)
 - Multiplexing and streaming
 - Authoring and navigation design
 - Preview and quality check
 - Mastering and replication
 - Copy protection methods
 - Marketing considerations

Content (practice):

Review of DVD titles: analysis of the resources employed on authoring, design and audio & video post-production. Step by step authoring of a complete project, from its initial concept through quality control. Intensive hands-on practice.

Seminar requirements:

The University or Company should provide the speaker(s) with the following:

Theory:

- Surround Sound system in the room
- 1 LCD Projector
- 1 DVD Player NTSC multizone, with its video output connected to the projector and its audio output connected to the sound system
- 1 PC o Macintosh with PowerPoint installed, with its VGA output connected to the projector
- 1 Laser pointer

- 1 Lavalier microphone

Practice:

- For every 5 attendees:

1 digital video player (DVCAM or MiniDV)

1 Macintosh G4 or better, with a 20 GB Hard disk and DVD-recorder preferably,
with the following software installed

- DVD Studio Pro 2
- After Effects (latest version)
- Adobe Premiere (latest version)
- Pro Tools 5.1.3 or superior

The computers should ideally be connected together via Ethernet