6.1985.Chambery.SOSDS.December. Film SA.Hennson (6 min.). EO, PLY.occl. Fag&mv.MOCN.

This is the meeting of video images that were taken during a training congress for the ADF with Toulouse group of the CPSO on October 12, 1985 (to check the equipment before its transport to the ADF), of the ADF itself of 30 November and especially of image taken by AY television and regional television FR3 during the congress of the SOSDS of Chambéry (in France).

This last Congress (SOSDS of Chambery) **was undoubtedly the first congress in the world entirely devoted to Dental CAD CAM**, its peripherals (articulators, materials, spectrocolorimeters ..) but also to artificial intelligence and expert systems which was, for exemple, the subject of more than 3 hours of presentation by Jean Louis Blouin.

It was this SOSDS congress that became the ARIA Rhône-Alpes (hence its presence in Chambéry at the start for several years) before it moved to Lyon in the 2000s.

Apart from the already known images of fingerprinting, modeling and machining with the ADF Tools machine, we will especially note:

1.**modeling:** the first color shading representations that will become PLY (0.11 and 06.09 min)

2.**Optical Print of the Occlusion Optic Biter** (00.49 min) in phase-profilometry (very visible),

3.**Hennson Modeling Dental Soft**

    a. Zoom effect (1.08) and **finish line trace** (01.12 min)

    b. **Cement space calculation** and modelling (0-400 µm choice)

    c.the "section" function (01.34 sec) with the measure and control function (01.40 min)

    d. **static occlusion, contact point adaptation** (01.50 min)

    e. surface deformations by action on knots (01.57 min)

    f.the controlled function of intra-extrados adaptation by transparency (02.00 min)

    g. Static occlusion (02.16 min)

    h. **surface mesh surfaces (to become STL) not transparent** (02.26 min)

4. Dynamic Occlusion

    a. Modelled FAG articulator

    b. Positioning of the 2 modelled arcades in the GSW (in occlusion) (02.35 min)

    c.Posterior Determinant Adjustment: Intercondyline, Slope and Benett (02.45 min)

    d. Spatial movements in the software with calculation of the movements entered in 3D (02.50 min)

    e.projection on the surfaces to be modelled for deformation (forthcoming)

5. machining

    a. Extrados (3.12 min)

b. Intrados (04.12 min)

6.pose (seal) in the mouth (05.40 min)