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## **Test bench conditioning of the ESS couplers for elliptical cavities (10'+8')**

*Tuesday 4 February 2020 14:36 (18 minutes)*

### **Abstract:**

After a short presentation of the architecture and features of the ESS couplers used with elliptical cavities, we will present how we perform the conditioning of the couplers at CEA Saclay and the different diagnostic elements used to check the correct working of the couplers. We will discuss on the consequences of a "bad" TiN coating on the coupler performances during the conditioning.

### **Provocative topics:**

Do we install too many diagnostic elements on the couplers during the conditioning?

**Presenter:** ARCAMBAL, Christian (CEA)

**Session Classification:** Working Group Session