

Presentation title: From point metrology to cloud data for ITER assembly

Abstract: the size and the complexity of the ITER reactor is as to require an extensive use of the most updated metrology and assembly techniques. ITER components are very large and heavy. Once the parts will be delivered on site from all around the world, there will be almost no possibility to fix any kind of mechanical mismatching between adjacent parts. The presentation describes the strategies F4E /ITER are deploying to mitigate the risk associated to the assembly of the parts produced by the different domestic agencies. A short pictorial review about ITER project status will be given emphasizing the role and the objectives of F4E/ITER metrology teams for the acceptance and assembly of the components.