

TeraPi - A 3.5 meter diameter hot zone HIP unit enables HIP:ing of large components

Thursday, 7 December 2017 10:15 (25)

The largest HIP unit operated in the world today has a hot zone diameter of 2.05 meters which is very big. However, there are even bigger components produced that would benefit from a HIP process but which can't be HIP:ed today because of the size. These components could be large pump house castings for nuclear power plants or large circular components for aerospace engines for example.

This presentation will cover which types of components and markets that can benefit from this size of HIP. It will also be explained how it is possible operate a monster HIP like the TeraPi and and the technical concept together with performance details

Please choose topic

Nuclear

Primary author(s) : Dr EKLUND, ANDERS (QUINTUS TECHNOLOGIES AB)

Co-author(s) : Mr AHLFORS, Magnus (Quintus Technologies AB)

Presenter(s) : Dr EKLUND, ANDERS (QUINTUS TECHNOLOGIES AB)

Session Classification : HIP Process

Track Classification : HIP Process