

Why we need Integral Concepts to reach the challenges in the Physics of the IFE Chambers

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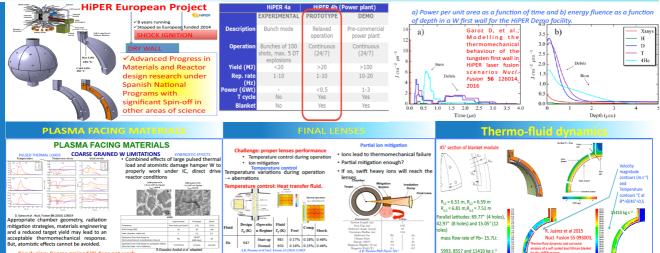
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Integral concepts such as European ESFRI Project HiPER (CCFE/UK, Academy Sciences Czech Republic, National Programs in France, Spain, Italy and European Union funding) gave to the different laboratories an unique opportunity to join efforts and link the design and responses of laser, target and chamber among them in a more realistic scenario for integrated design of a potential IFE Reactor.

The design uses Direct Drive emissions on time to give 3Dspace-time responses in fluid-dynamics, materials performance, corrosion and tritium breeding.



Research is now running in the physics challenges of IFE Reactor Chamber which conducts to advance developments and spin-off in modeling and experiments

