

Special Issue

Recent Progress in Breeding Blanket Technology

Message from the Guest Editors

This Special Issue is devoted to the recent progress made in Breeding Blanket (BB) technologies. The crucial role that BB will play in future fusion reactors is well accepted. Only by multidisciplinary collaboration between different laboratories and institutions, scientist and technicians will be able to design a functional BB. The topic is not restricted to any concept; contributions on concepts based on both liquid and solid breeders are welcome. We are aware that the status of BB development is mainly supported by simulations, which are the backbone of this field. However, particularly welcome in this Special Issue are experimental works on the development and characterization of BB materials, either functional or structural, and their response to radiation. Recent progress on the construction of pilots and prototypes of BB components will be also of special interest. In this regard, works concerning ITER Test Blanket Modules are considered of great relevance. For more information on the Special Issue, please visit LINK https://www.mdpi.com/journal/applsci/special_issues/TIXPK3LAVM

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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