

## Special Issue

# Water Coolant Lithium Lead Breeding Blanket and Test Blanket Module: Design and R&D Activities in 2022

### Message from the Guest Editors

The Water Cooled Lithium Lead (WCLL) is the European Test Blanket Module of ITER and one out of two Breeding Blanket candidates of EU-DEMO. Design activities are ongoing and involve analyses in a wide spectrum of technical areas, such as neutronics, thermo-mechanics, thermo-hydraulics, hydro-dynamics, magneto-hydrodynamics, tritium transport, and safety. These efforts are conducted with growing awareness thanks to the continuous R&D efforts pursued in a wide spectrum of technology fields, i.e. the technologies of PbLi, of tritium, of water coolant, of the structural material. We invite scientists and experts to report scientific and technical activities and achievements of year 2022 in a Special Issue dedicated to the Water Coolant Lithium Lead Breeding Blanket and Test Blanket Module.

### Guest Editors

Dr. Alessandro Del Nevo  
Dr. Pietro Agostini  
Dr. Marco Utili

### Deadline for manuscript submissions

closed (10 October 2023)



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