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ANSYS Fluent has always provided accurate, validated results for any form of sprays but the large computational requirements limited the size of problems that one could solve, especially if the goal was to resolve very fine spray details. With the release of ANSYS 19, we are introducing VOF to DPM CFD spray, an exciting new hybrid multiphase model that will make simulation of spray processes with the finest details more computationally practical. As the name suggests, this model uses two ...

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Mesh. In the present modeling, we use unstructured mesh.

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