

# Attila4MC™ Workshop

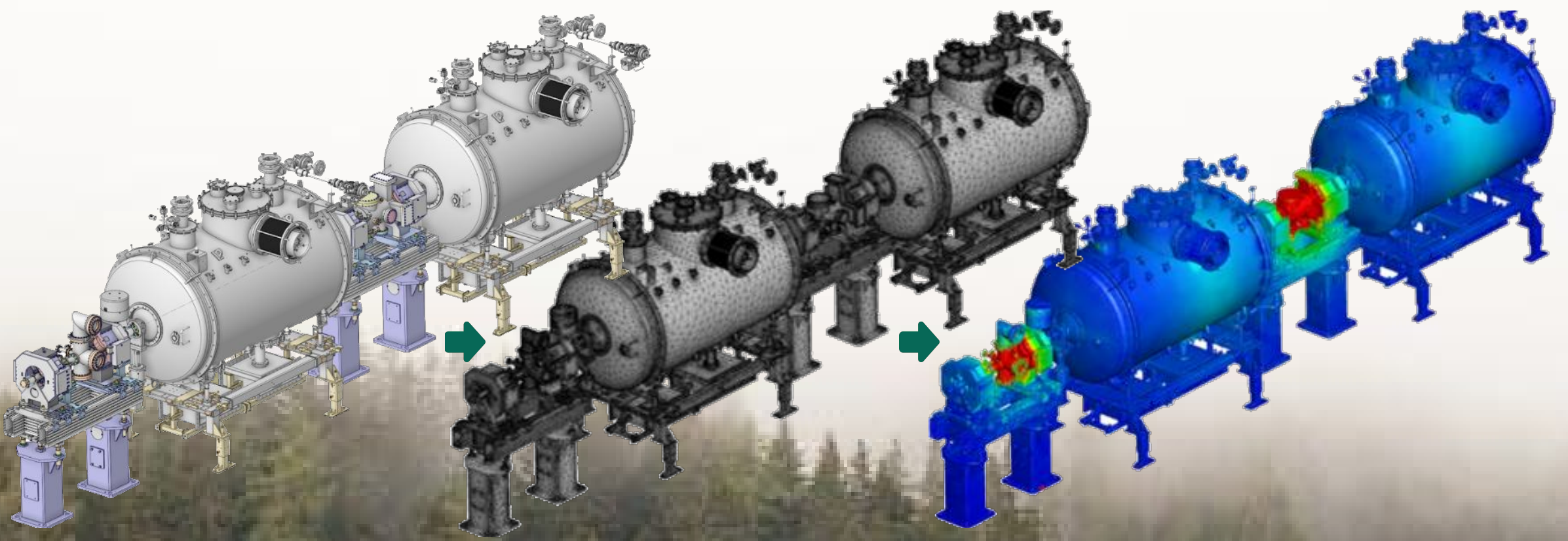
Joint International Conference on Supercomputing in  
Nuclear Applications + Monte Carlo - Paris, France  
Oct 20 2024 / Oct 24 2024

We are pleased to announce that we will be holding a workshop on Attila4MC during the **2024 Joint International Conference on Supercomputing in Nuclear Applications + Monte Carlo, SNA + MC 2024** in **Paris, France** from **October 20th to 24th**. For more information and to register for the workshop, visit: <https://www.sfen.org/evenement/sna-mc-2024/>.

In this workshop, the new "**real-world**" **CAD workflow in Attila4MC** will be demonstrated on a representative shielding example. This enables MCNP® users to work directly from dirty CAD assemblies with hundreds or thousands of parts, mostly eliminating the need for time consuming CAD cleanup and simplification.

Users are encouraged to bring their own laptops and CAD models, as the workshop includes an **open session** where users can apply Attila4MC to their own specific applications. For more information feel free to contact us at [support@silverfirsoftware.com](mailto:support@silverfirsoftware.com).

All attendees will receive a 30 day evaluation license of Attila4MC.



**Attila4MC - The Fastest Path from Complex CAD Assemblies to MCNP Solution Fields**

*Model provided by Elena Donegani at the European Spallation Source  
(R. Garoby et al., 2018 Phys. Scr. 93 014001)*

## Highlights

### Cottonwood Variance Reduction module

Automated CADIS and FW-CADIS variance reduction for complex models through an adaptive arbitrary mesh refinement (AMR) deterministic solver.

### Fornax activation module

Fornax provides MCNP users with a GUI driven workflow for shutdown dose rate (R2S method) and inventory calculations.

### New Attila4MC Mesh Generator

Automated mesh generation for complex "real world" CAD assemblies

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For more information, please feel free to reach out to us at:  
[support@silverfirsoftware.com](mailto:support@silverfirsoftware.com)