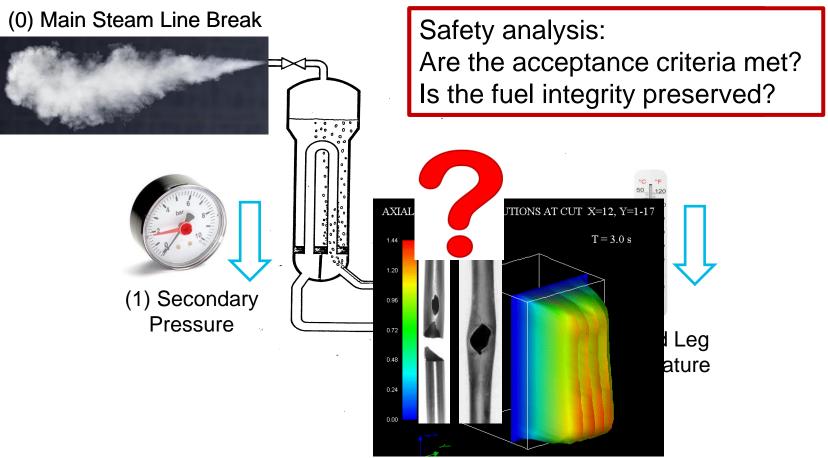
Yann Périn

Importance of multi-physics, multi-scale coupled simulations for safety analyses



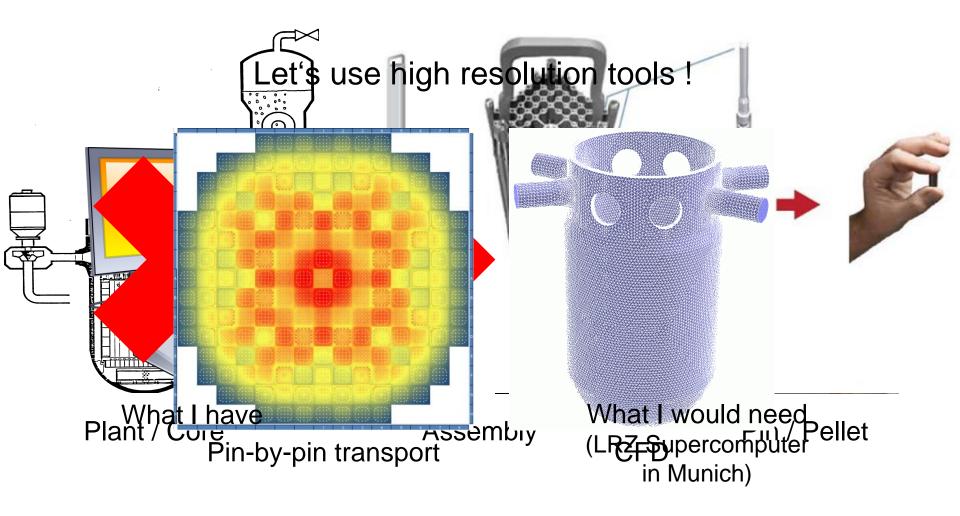
Need for multi-physics coupling

Example: Main Steam Line Break



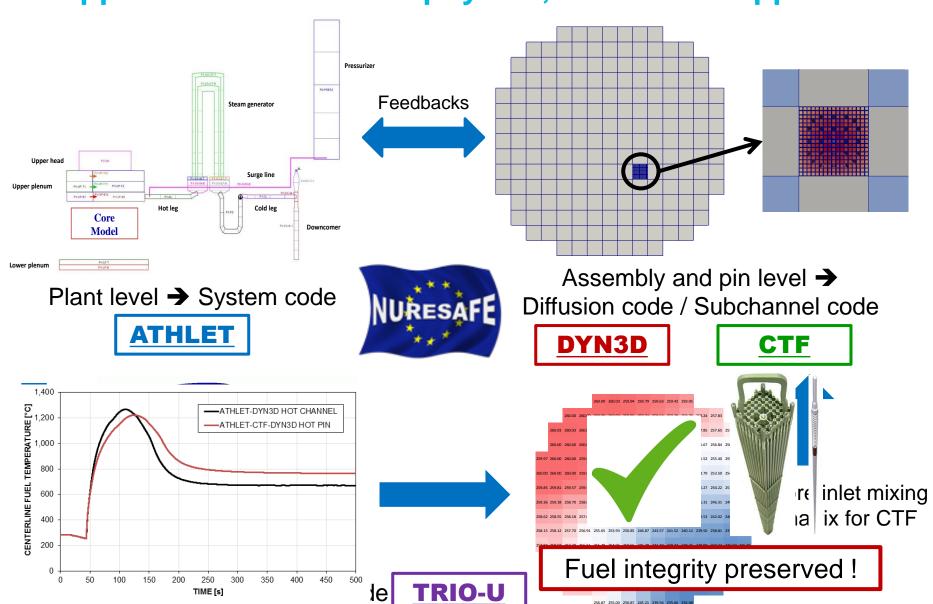


Need for multi-scale coupling





Application of the multi-physics, multi-scale approach



256.87 255.00 250.87 245.21 239.56 235.66

Thank you for your attention



