

INO COMET

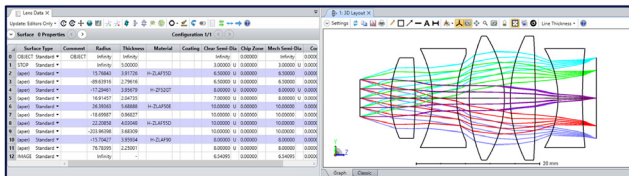
COLLABORATIVE SOFTWARE FOR OPTOMECHANICAL TOLERANCE ANALYSIS ENABLING REALISTIC OPTICAL MODELLING

SOLUTION OVERVIEW

Realistic optomechanical modeling for tolerance analysis is a long and tedious task, requiring an extensive knowledge of the interaction between lenses and mounts, as well as several calculations from the optomechanical engineer.

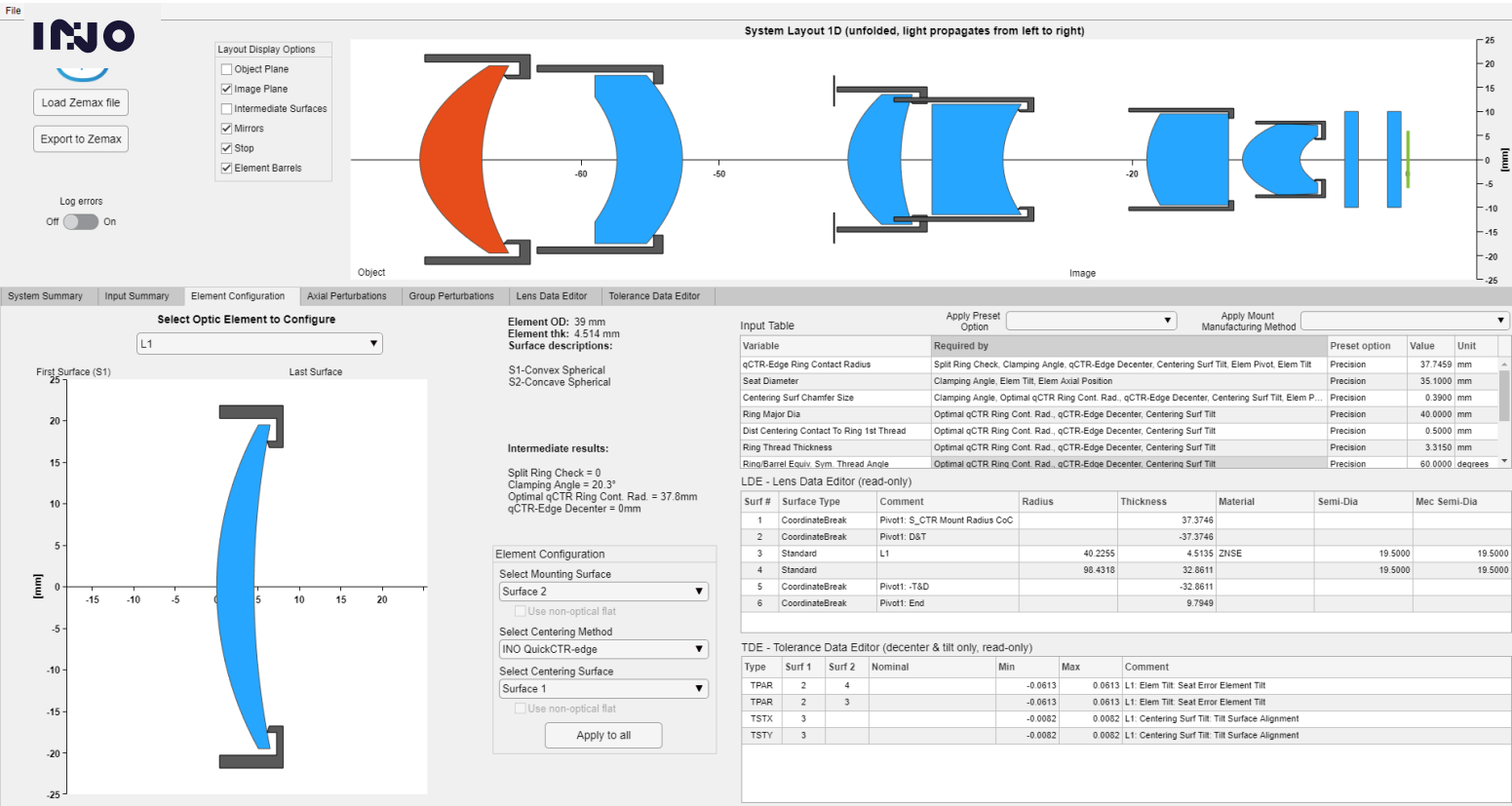
COMET directly connects your optical model to optomechanical tolerance analysis, while ensuring seamless communication between designers and engineers. With its collaborative and intuitive interface, every step of the analysis becomes faster, more accurate, and better structured.

Initial Optical Design File



BENEFITS

- Avoid discrepancies between optical simulations and actual centration measurements
- Run complex tolerance analyses easily and cost-effectively
- Explore assembly methods before mechanical modeling
- Simulate realistic assemblies to reduce underdesign failure risk and overdesign costs
- Streamline communication between design teams



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