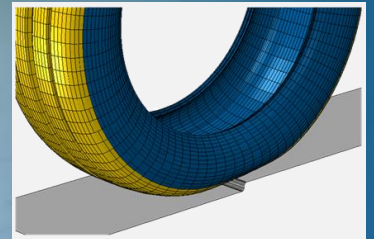


TIRE ANALYSIS WITH ABAQUS: ADVANCED TOPICS

SIMULIA COURSE DESCRIPTION



Level: Advanced
Products: Abaqus
Disciplines: Structures

Audience
 This course is recommended for tire analysts.

Why take this course?

Modern tires are among the most complex structures in production and their complexities span a broad range of the capabilities available in Abaqus. This course covers topics addressing advanced tire modeling techniques and serves as a follow-up to the Tire Analysis with Abaqus: Fundamentals course.

What will you learn?

Topics covered in this course include:

- Steady-state rolling using Eulerian techniques in Abaqus/Standard
- Transient analysis using Abaqus/Explicit

- Hydroplaning simulation using Coupled Eulerian-Lagrangian technique
- Efficient steady-state dynamics analysis
- Substructuring and submodeling

Explore Your Learning Options

Live Sessions	Engage in Real-Time, interactive group workshops guided by experts. Learn and collaborate live in your preferred language and time zone.	Join a live session
On-Demand Learning	Access expert-designed courses anytime, anywhere. Perfect for independent learners looking to build skills on their schedule.	Start Learning Now
Private Training	Exclusive, tailor-made sessions designed to meet your team's unique goals with expert guidance.	Contact Us for Custom Training



Gain hands-on experience and master real-world workflows through guided, practical training sessions.

Apply nonlinear analysis techniques to simulate complex structural and multiphysics problems accurately.

– SIMULIA Training Expert Team

What You Need to Know Before Starting

Tire Analysis with Abaqus: Fundamentals

Want to Learn More?

Expand your knowledge by exploring our [course Catalog](#) and browsing learning paths on [Eduspace](#), our dedicated e-learning platform.

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