

CZone for Abaqus



Half Day

- **Lecture 1** **Modeling Crushable Composite Materials**
- **Lecture 2** **Creating a CZA Model**
- **Workshop 1** **Race car wing impact: Model Setup**
- **Lecture 3** **Postprocessing**
- **Workshop 2** **Race car wing impact: Postprocessing**



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Revision Status

Lecture 1	5/11	Updated for 6.11, CZA 2.2
Lecture 2	5/11	Updated for 6.11, CZA 2.2
Lecture 3	5/11	Updated for 6.11, CZA 2.2
Workshop 1	5/11	Updated for 6.11, CZA 2.2
Workshop 2	5/11	Updated for 6.11, CZA 2.2



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Modeling Crushable Composite Materials

Lecture 1



L1.2

Overview

- What is CZone?
- CZone applications and examples
- CZone crush stress
- Other CZA material properties



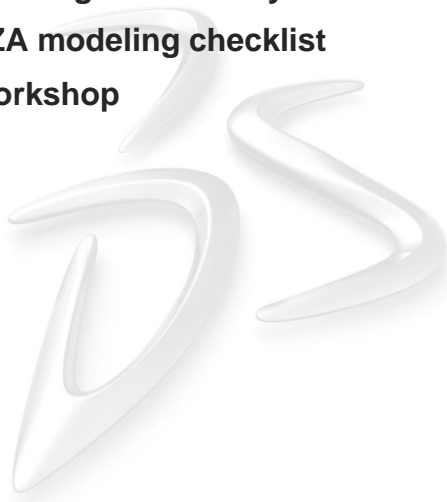
Creating a CZA Model

Lecture 2



Overview

- Modeling crushable structures
- Composite layups
- CZone contact
- CZA field variables
- Running a CZA analysis
- CZA modeling checklist
- Workshop



CZA Postprocessing

Lecture 3



Overview

- Introduction
- Identifying failure
- Viewing a composite layup
- X-Y plots
- Workshop

