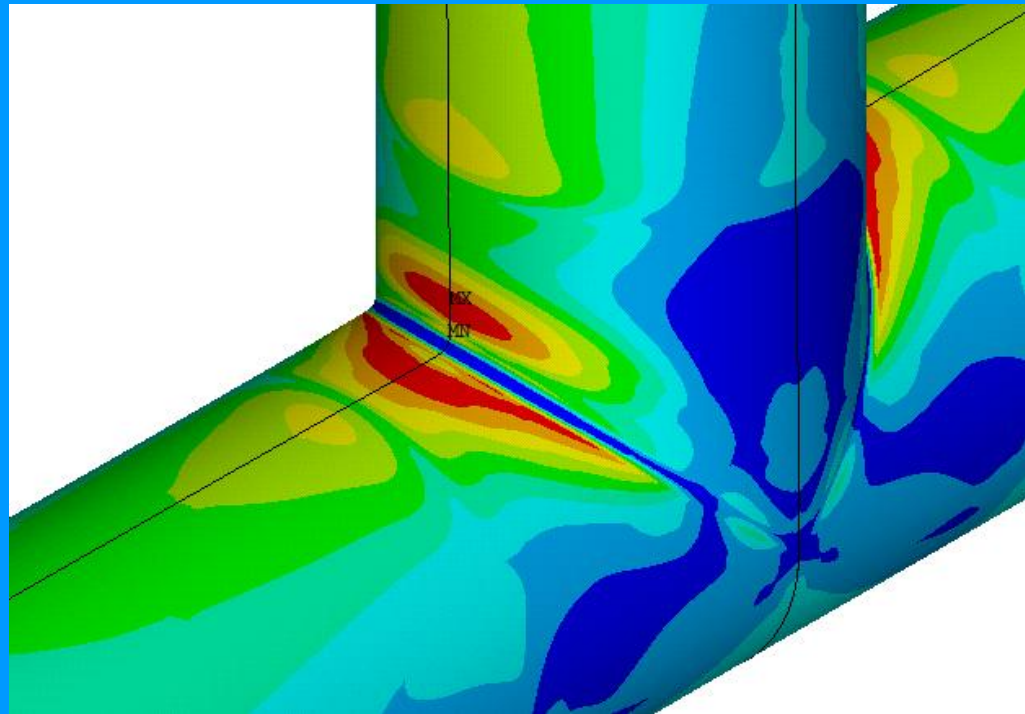


Tecnologie di modellazione numerica di prodotto

F. De Bona

ex DIEG, Università di Udine



8 aprile 2016
Friuli Innovazione
Udine

Metodiche avanzate di calcolo strutturale per indagare lo stato di tensione e di deformazione di componenti meccanici.





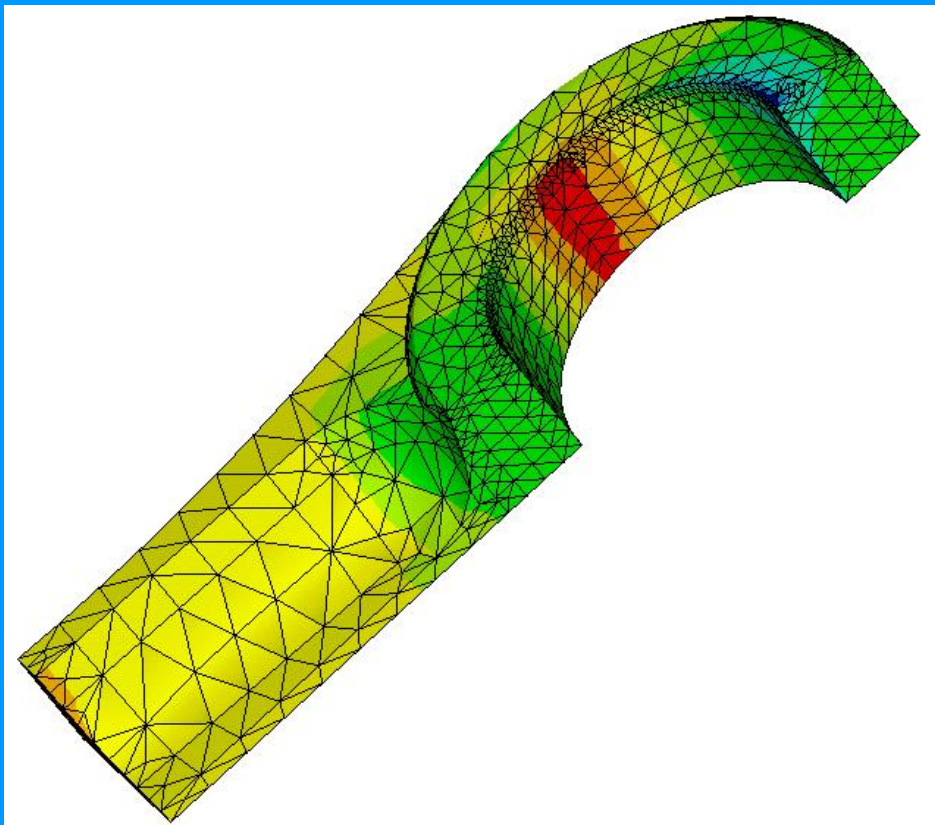
***Le 3 missioni
dell'università di Udine:***

Didattica

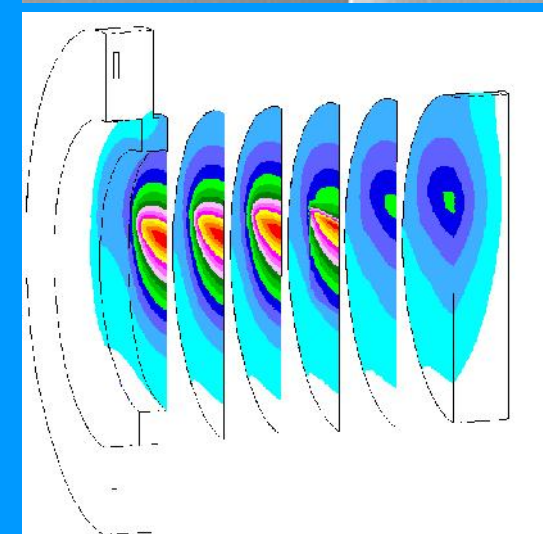
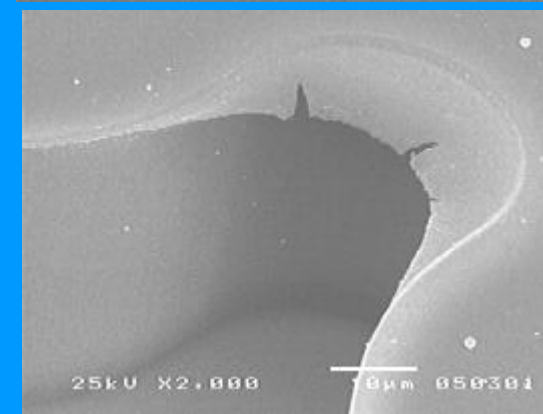
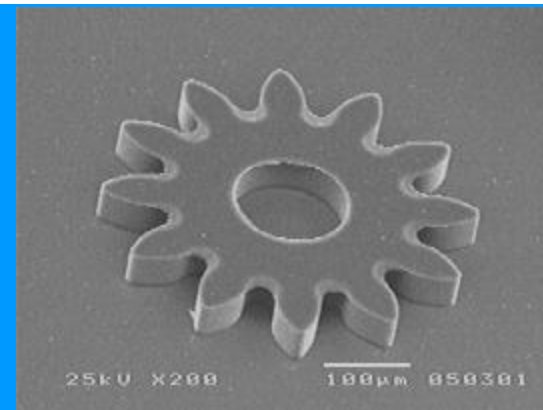
Ricerca

Servizio al territorio

Ricerca

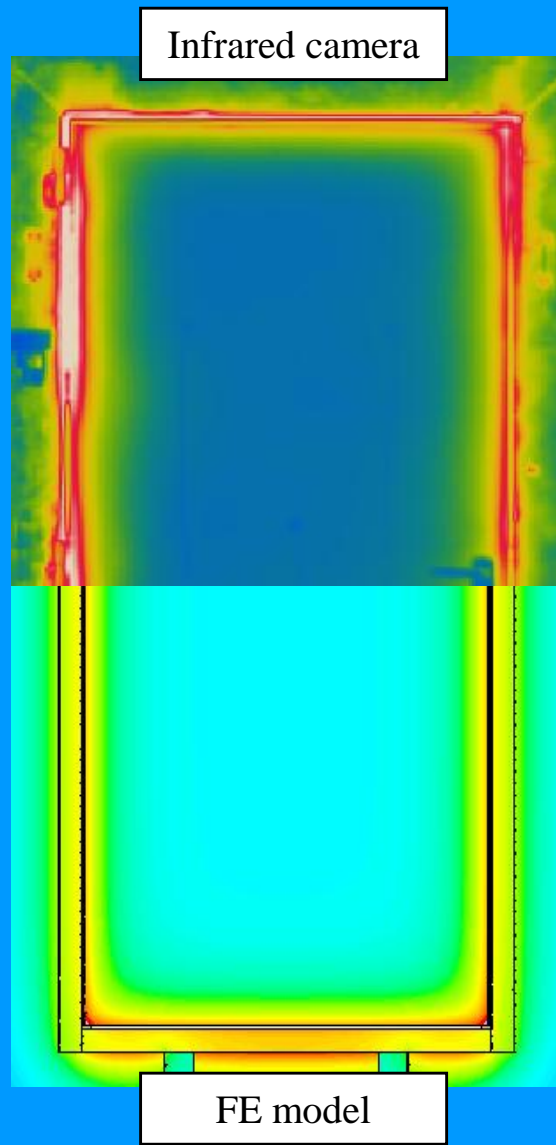


&Università di Modena

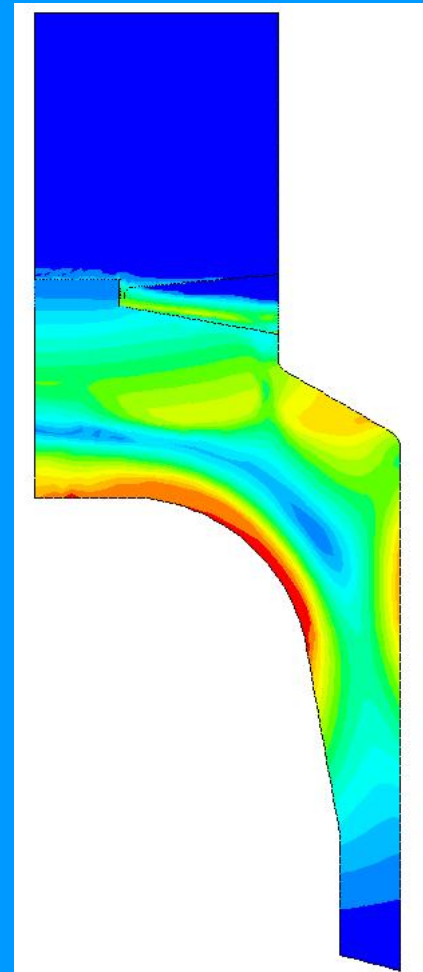


&Sincrotrone Trieste

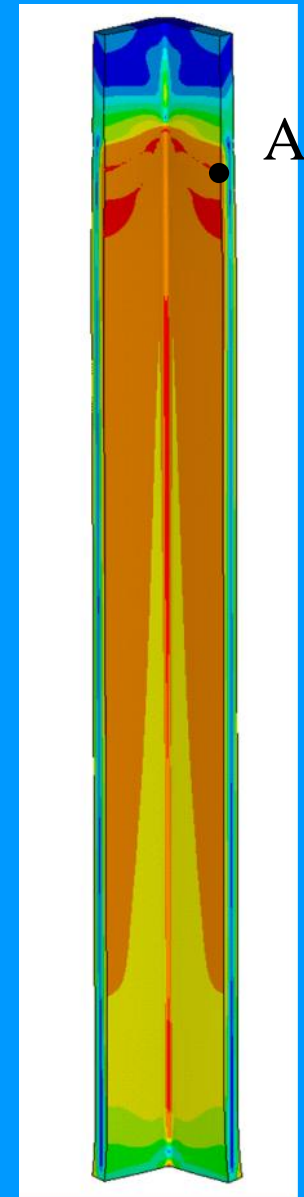
Ricerca e servizio al territorio



&Fincantieri



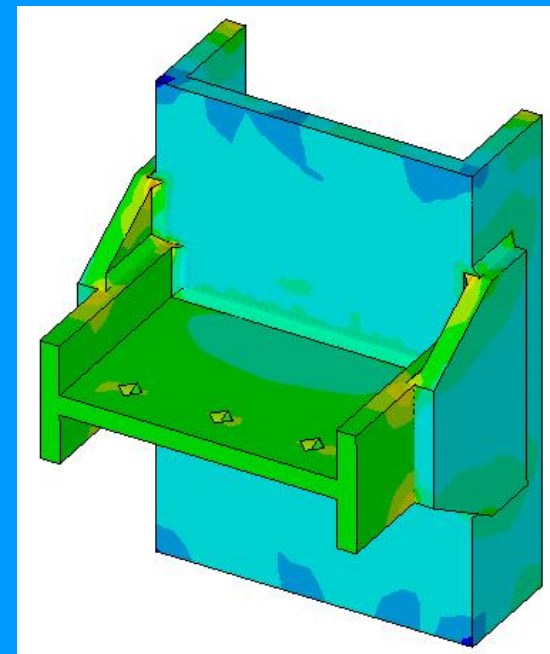
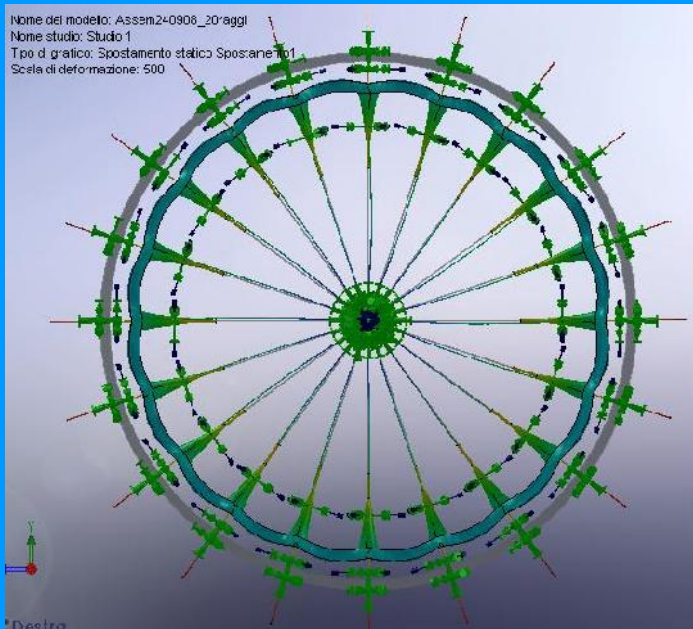
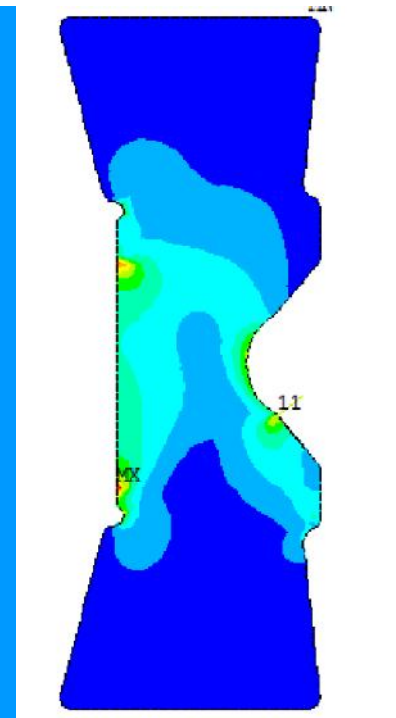
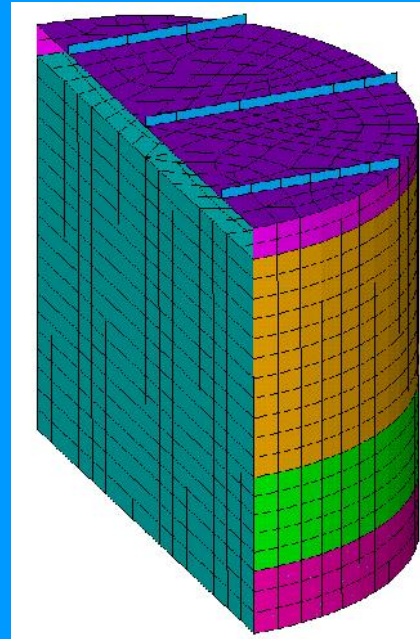
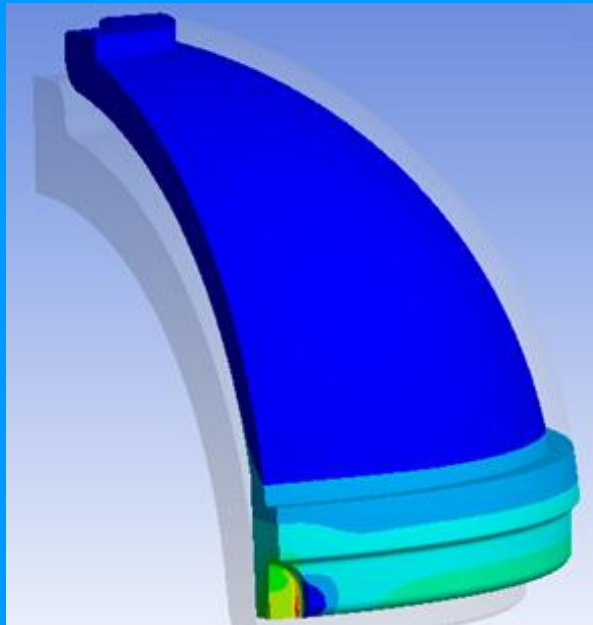
&Danieli



Metodologie avanzate per l'innovazione del prodotto industriale



esempi...



TIPOLOGIE DI SIMULAZIONE

Calcolo dello stato di tensione e deformazione

Analisi multifisica (termico-meccanico, elettrico-meccanico)

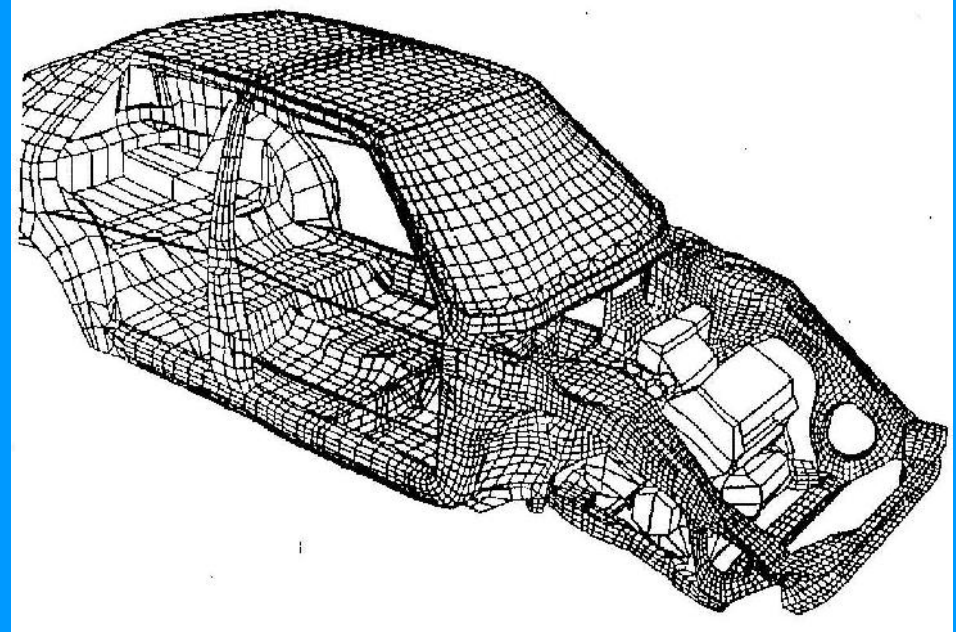
Simulazione fenomeni di plasticità in condizioni statiche e in presenza di sollecitazioni cicliche

Calcolo giunti saldati e bullonati





Il ruolo dell'università



Modello “bello”

=

modello utile?

Non basta pigiare un tasto...

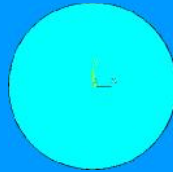
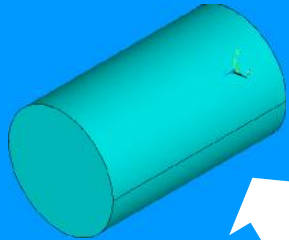
3D



2D



1D



0 + ————— R



Grazie per la vostra attenzione

