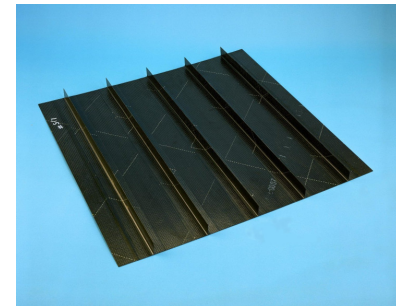


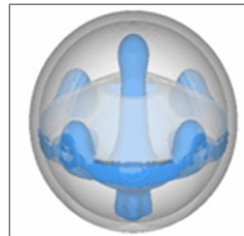
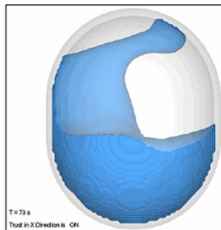
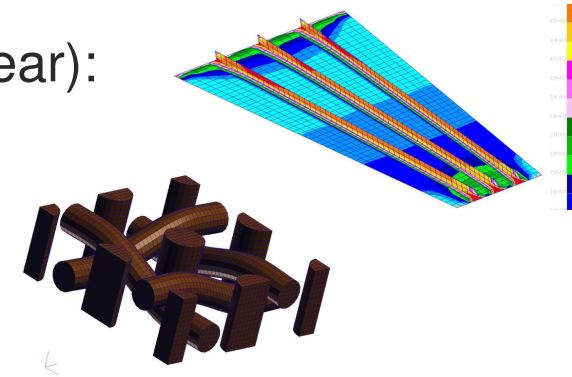


NUMA Engineering Services Ltd

- Specialised Engineering Analysis Service :
 - Analysis & Numerical Code Development
- Customers & Company Experience :
 - Aerospace, Biomedical & Energy Industries
 - Commercial Projects Directly With Customers
 - European Space Agency Programmes
 - EU FP5 & FP7 Experience (Project From ICT-2008, Started Sept 2008)

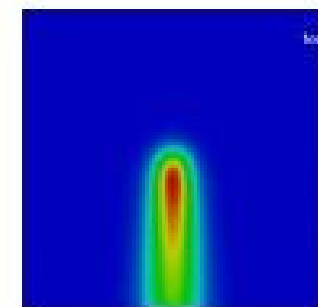
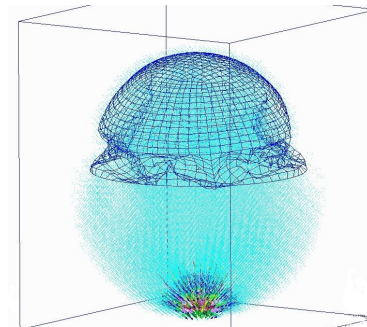


- Stress and dynamic analysis (linear / nonlinear):
 - Composite stress and damage propagation
 - Microstructural modelling (multiscale FEA)



- Computational fluid dynamics and heat transfer

- Multiphysics modelling approaches:
 - Fluid/structure interaction
 - Joule heating / fluid flow



- Numerical code development (FEM, FVM & Multiphysics)



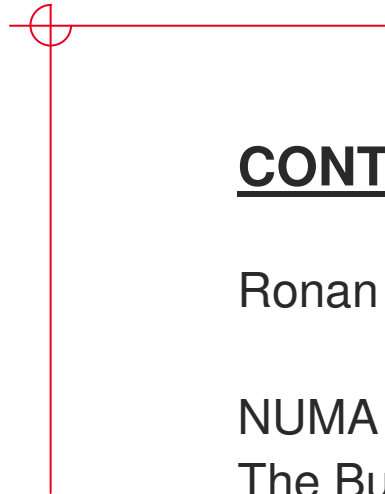
NUMA Engineering Services Ltd

EU-FP7 3rd Aeronautics & Transport CALL - 2010 :

- We could make a contribution to a consortium as :
 - analysis partner for stress / CFD problems
 - code development partner for specialised applications
- Experience in FP7 proposal preparation & project negotiation.



Possible Collaboration?



CONTACT DETAILS

Ronan Flanagan

NUMA Engineering Services Ltd
The Business Centre
Blackthorn Business Park
Dundalk, Co. Louth, Ireland

T: +353 42 9395821

F: +353 1 6335017

ronan.flanagan@numa.ie

www.numa.ie

