

THE IDEA BEHIND PROJECT APPETIZERS

Increasing requirements in the virtual vehicle development process will require new approaches. You have identified the need for a new simulation method and/or process and would like to advance it/them in a quick and efficient way together with other competence partners from science and/or industry?

In this case we are very interested in your impulse in the form of a PROJECT APPETIZER. Present and discuss your (project) approach with other experts from the field of virtual vehicle development. This will enable you to sound out potentials and enter into appropriate collaborations.

PROJECT APPETIZERS CAN COVER ONE OR MORE OF THE FOLLOWING TOPICS IN THE FIELD OF STRUCTURAL MECHANICS AND CRASHWORTHINESS

- Calibration, comparison and validation of measurement and simulation
- Visualization of measurement and simulation
- Data handling, data fusion and work flows
- related topics

PLEASE USE THIS TEMPLATE OR YOUR OWN SET OF SLIDES.

Appetizer Structure:

- Motivation / Challenge
- The state of the art
- New approach
- Project goals / expected results
- Needed competences / partners

Project Appetizers will be accepted until March 29, 2016.

PROJECT APPETIZER



Acronym:

Title:

Company:
Contact Person:

Motivation / Challenge:

Please describe the project motivation.

(e.g. forthcoming legislation setting , customer requirements, internal regulations, cost-saving , faster product development)

The state of the art:

What has been achieved so far?

The new approach:

What method or process do you suggest?

Project goals / expected results:

Please describe the project goals.

Needed competences / partners:

**Please describe the required and / or lacked competence.
What kind of project partner are you looking for?**

Please tick as appropriate :

CAE degree of innovation	
➤ Use of HPC	
➤ IT	
➤ Numerics / Mathematics	
➤ Modelling	
➤ Process + Data	
➤ Visualization	
CAE direction of impact	
➤ Closing methodological gaps	
➤ Improving performance	
➤ Increase forecasting accuracy	
➤ New application	
➤ Coupling application areas	

Environmental relevance	
➤ Reduction of emissions	
➤ Reduction of noise	
➤ Resource-saving	
CAE classification	
➤ CAE simulation	
➤ Optimization	
➤ Numerics and robustness	
➤ Multi physics	
➤ Other	

Requirements	
➤ Legal requirements	
➤ Customer requirements	
➤ Internal regulations	
➤ Cost-saving	
➤ Faster product development	

⇒ **We are waiting for your impulse.**

PROJECT APPETIZERS can be submitted until March 29, 2016 at the asc(s office.



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