

ARETO solution
re given by the Pareto Frontier (performances
e candidate designs can be done by suitable
el Chart.

place between the preliminary design phase
analysis , in the way to overcome the gap
nd FEM tools, that today is faced by a trial and
redesigning all the model in case of a problem

o test different configuration in a preliminary
t, and so to give the possibility to operate

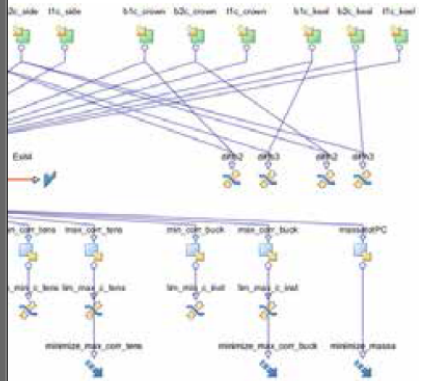


Figure 11 - FEM vs AeroDESTO tool solution

STAY TUNED ON OUR MUSIC

The MUSIC project (MULTI-layers control&cognitive System to drive metal and plastic production line for Injected Components) is now entering its final stage and it's already working in view of its conclusion. The long research phase has been completed with encouraging results, the experimental tests have provided good feedback and the demonstration activities in the production sites on real production lines are allowing to verify the system functionalities. The consortium is confident that it will achieve the expected objectives and is actively working also in view of their presentation to the next important event chosen for the dissemination of the MUSIC Project, that is at the High Tech Die Casting 2016, that will take place in Venice next June. After the great success obtained in EUROGUSS, in terms of interest and request for information and training on MUSIC topics (such as process control, real-time data monitoring and quality prediction and analysis of casting components, etc.), the HTDC session totally dedicated to MUSIC will be a sort of mini-course delivered by MUSIC partners (EnginSoft, University of Padova, Electronics GmbH, Audi AG, MotulTech Baraldi, University of Aalen) in order to transfer the acquired knowledge, to present real application cases and future developments. This occasion will provide the ideal context to release also the revised and upgraded MUSIC Guide to Key-parameters in High Pressure Die Casting, combining the research results already presented in the first publication, together with the project final results, applications and case studies. The MUSIC project is also committed in further initiatives oriented to better understand the actual status, features and needs of both the High Pressure Die Casting and the Plastic Injection Moulding sectors on a European level. Two different surveys are respectively promoted by the consortium through its partners and supporting entities, accessible through the project website: <http://music.eucoord.com/Survey/body.pe> - <http://music.eucoord.com/Plastics/body.pe> Join us and collaborate in these activities! Stay tuned on our MUSIC also on music.eucoord.com

Smart Factories: Energy-aware, agile manufacturing and customization

MULTI-layers control&cognitive System to drive metal and plastic production line for Injected Components

For High Pressure Die Casting and Plastic Injection Moulding

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