

October 14, 2013 (Day 1)

9:00 – 9:30 – Registration

9:30 – 9:40 – Welcome

K. Luňáček, J. Štych, M. Pašek: *Welcome*

9:40 – 10:45 – Virtual Performance Solution 2013

P. Ullrich, W. v Hal: *Virtual Performance Solution – Overview V2013*

10:45 – 11:00 – Coffee Break

11:00 – 12:10 – VPS 2013 Explicit Session

A. Petitjean: *VPS 2013 – Explicit Features*

12:10 – 13:30 – Lunch

13:30 – 14:45 – VPS 2013 Applications

M. Machát: *Multi-Model Coupling and Shell-Solid Remeshing*

H. Kykalová: *Multistage and Common Model Update*

T. Nozar: *Barrier Overview and Outlook in Various Regulations*

14:45 – 15:00 – Coffee Break

15:00 – 16:00 – VPS 2013 Applications

J. Bartošek, J. Šášek: *Creep Analysis and Intrusion Test with Thermal*

Dependency of Plastic Bumper

J. Řezníček: *Clamp Coupling of Trolley Poles*

J. Šášek: *Overview of Dynamic Analyses in VPS*

J. Řezníček: *Application Example: Door Slamming*

16:00 – 19:00 – Common activities

19:30 – 00:00 – Dinner

October 15, 2013 (Day 2)

9:00 – 10:30 – VPS 2013 Implicit Session

W. van Hal: *VPS 2013 Implicit Solver – Overview V2013*

M. Pašek, J. Šášek: *VPS 2013 – Implicit Features*

J. Bejvl: *Using of VPS for Welding – WeldPlanner*

10:30 – 11:00 – Coffee Break

11:00 – 12:10 – Visual Environment Session

H. Kykalová: *Visual Environment 9.0 Overview*

M. Pašek: *ERF Output Update*

12:10 – 13:30 – Lunch

13:30 – 15:00 – Users presentations

P. Dvořák (Škoda): *Benefits of Restrain Systems for Frontal Crash*

P. Pavlata (VCA): *Increasing of Bus Passive Safety*

L. Hynčík (UWB Plzeň): *VIRTHUMAN – Universal Human Model for*

Transport Safety Applications

J. Petřík (MECAS ES): *Virtual Seating and Whiplash Simulation*

15:00 – 15:10 – Wrap-up