

[02.1 – Aerodynamics – CFD Methods and Validation]

2.6 _ Current Developments in CFD 1

Date	28 September 2016 (Wednesday)
Time	09:30–12:00
Place	Track 2 (#102)
Session Chair: T. Aoyama	

2.6.1	09:30–10:00	[2016_0705] DEVELOPMENT OF HIGH-ORDER AND HIGH-RESOLUTION SCHEMES FOR EFFICIENT SHOCK CAPTURING IN HIGH-SPEED FLOWS M.H. Ahn ¹ , D.J. Lee ¹ ; ¹ Korea Advanced Institute of Science and Technology, South Korea
2.6.2	10:00–10:30	[2016_0099] COMPUTATIONAL EFFICIENCY AND QUALITY OF DIFFERENT VERSIONS OF DISCONTINUOUS GALERKIN METHOD FOR LES/DES APPLICATIONS I. Bosnyakov ¹ , A.I. Troshin ¹ , V.V. Vlasenko ¹ , A.V. Wolkov ¹ ; ¹ TsAGI, Russia
2.6.3	10:30–11:00	[2016_0126] DEVELOPMENT OF HIGH-ORDER NONLINEAR INTERPOLATION FOR OVERSET GRIDS F. Liao, Northwestern Polytechnical University, China
2.6.4	11:00–11:30	[2016_0260] EXTENDED VALIDATION OF A TRANSONIC LATTICEBOLTZMANN METHOD ON THE EXAMPLE OF THE NASA COMMON RESEARCH MODEL B. Koenig ¹ , A.F.P. Ribeiro ¹ , E. Fares ¹ , R. Zhang ² , P. Gopalakrishnan ² , Y. Li ² ; ¹ Exa GmbH, Germany ; ² Exa Corp., United States
2.6.5	11:30–12:00	[2016_0427] EFFICIENT MULTI-RESOLUTION ANALYSIS FOR IMPLICIT TEMPORAL INTEGRATION S. Chae ¹ , H. Kang, Dongyang Mirae University, South Korea; S. Oh, Pusan National University, South Korea; K. Yee ¹ ; ¹ Seoul National University, South Korea