

Publications of Prof. H. Deconinck 2013- 1979:

Editor of books (including Lecture Series Director)

ADIGMA – A European Initiative on the Development of Adaptive Higher-Order Variational Methods for Aerospace Applications, Notes on Numerical Fluid Mechanics and Multidisciplinary Design Volume 113, Springer-Verlag, Heidelberg, 2010, Editors: Kroll, N.; Bieler, H.; Deconinck, H.; Couaillier, V.; Van der Ven, H. and Sorenson K.

Computational Fluid Dynamics 2006, Proceedings of ICCFD4, Springer Verlag, 2009, Editors: Deconinck H. and Dick E.

Error Estimation and Adaptive Discretization Methods in Computational Fluid Dynamics, Proceedings RTO course, Lecture Notes in Computational Science and Engineering (LNCSE), Vol. 25, Springer, 2002, ISBN 978-3540437581, Editors: T.J. Barth and H. Deconinck

High-Order Methods for Computational Physics, Springer, 1999, 582 pgs, ISBN 3-540-65893-9, Editors: T.J. Barth and H. Deconinck

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ISBN 3-528-06957-0, Editors: H. Deconinck B. Koren

36TH CFD/ADIGMA Course on HP-Adaptive and HP-Multigrid Methods, Rhode-St-Genèse, Belgium, October 26-30, 2009, Editor: H. Deconinck

35th CFD / ADIGMA Course on Very High Order Discretization Methods, VKI LS 2008-08, ISBN 978-2-930389-88-5, Editor: H. Deconinck

Introduction to Optimization Methods and Tools for Multidisciplinary Design in Aeronautics and Turbomachinery, VKI LS 2008-07, ISBN 978-2-930389-86-9, Editors: J. Périaux & H. Deconinck

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Optimization methods & tools for multi-criteria/ multidisciplinary design. Applications to aeronautics and turbomachinery, VKI LS 2004-07, ISBN 2-930389-56-7, Editors: H. Deconinck, J.Périaux, K. Giannakoglou

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CFD-based aircraft drag prediction and reduction, ISSN 0377-8312, VKI LS 2003-02, Editors: H. Deconinck, K. Sermeus, C. Van Dam

32nd Computational fluid dynamics – Multiscale methods, ISSN 0377-8312, VKI LS 2002-06, Editor: H. Deconinck

Verification and Validation of Computational Fluid Dynamics, VKI LS 2000-08, ISSN 0377-8312, Editors: F. Grasso, J. Périaux, H. Deconinck

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31th Computational Fluid Dynamics, VKI LS 2000-05, ISSN 0377-8312, Editors: N.P. Weatherill & H. Deconninc

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