

Barriers and Challenges in Computational Fluid Dynamics

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Chakravarthy, 2012-10-13 In this volume designed for engineers and scientists working in the area of Computational Fluid Dynamics CFD experts offer assessments of the capabilities of CFD highlight some fundamental issues and barriers and propose novel approaches to overcome these problems They also offer new avenues for research in traditional and non traditional disciplines The scope of the papers ranges from the scholarly to the practical This book is distinguished from earlier surveys by its emphasis on the problems facing CFD and by its focus on non traditional applications of CFD techniques There have been several significant developments in CFD since the last workshop held in 1990 and this book brings together the key developments in a single unified volume

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