

Announcement of an Upcoming Special Issue

Topic: *Computational Methods for Gas Dynamics and Compressible Multiphase Flows*

Dear Colleague,

This letter is an invitation to contribute to a Special Issue of the *Shock Waves* Journal on the topic of *Computational Methods for Gas Dynamics and Compressible Multiphase Flows*. In addition to invited contributions this special issue will include selected papers that were presented at the 11th International Symposium on Numerical Analysis of Fluid Flow and Heat Transfer – Numerical Fluids 2016 held in Rhodes, Greece, on 19-25 September 2016. The annual Numerical Fluids Symposium is a part of the International Conference of Numerical Analysis and Applied Mathematics (ICNAAM) and is a reference meeting focusing on various subjects of numerical methods for fluid flows. This year, the special issue will focus on development of numerical methods for gas dynamics, formulation, identification and resolution of compressible multi-phase fluid flows and multi-physics problems involving compressible fluid flows. We feel the *Shock Waves* journal is one of the most suitable outlets for the publication of research associated with this topic and both original works and review articles are solicited for this special journal issue.

You are well-respected as a leader in this field and potential contributor who has published papers in the past in this area. We would be grateful to have your contributed paper relevant to this topic for publication in this special issue. Please also forward this announcement to other researchers you know who may also be interested in submitting a paper for this issue. To insure the high quality standard, all papers submitted will undergo the usual, rigorous peer review process of the *Shock Waves* Journal. The accepted papers will be published online (with DOI) immediately after acceptance. The printed issue will be published upon accumulation of a sufficient number of accepted papers. Please find here a tentative timeline for this issue:

<u>Date</u>	<u>Tentative timeline</u>
Late Jan. – early Feb., 2017	Invitations will be sent to the authors identified
February 28 th , 2017	Invited authors are requested to accept or decline the invitation
March 1 st – August 31 st , 2017	Submission of invited papers via <i>Shock Waves</i> Editorial Manager website Article type: SI: NumMethods
March – December 2017	Peer review process and accepted papers appear online upon acceptance
March 2018	Printed special issue(s) published

We believe this special issue will make a significant contribution to the community by identifying and discussing the open problems in the numerical analysis of gas dynamics and compressible multiphase flows, and we are hoping we can count on your participation to realize this potential.

Please contact us (Dia Zeidan or Eddie Ng) via e-mail to accept/decline the invitation by **February 28, 2017** and for further inquiries.

Warm regards,

Dia Zeidan¹ & Hoi Dick (Eddie) Ng²

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