

Preface

With this, the maiden issue of the *International Journal of Laser Science: Fundamental Theory and Analytical Methods*, we have, for the first time, a dedicated platform to collate and propagate new knowledge to academia and industry related to the science and fundamental theory relative to lasers. This is a great pleasure and a privilege for me because a new journal to cover these specific topics is extremely important; for they are now more relevant than ever, and so it is a necessity to foster collaboration and extend interest in these areas to ensure that they advance at the required pace.

Lost or unpublished knowledge represents an inability for us in our time and those in the time beyond ours to progress towards a better world for all. One only has to consider the period of the Dark Ages and the burning of the Library of Alexandria to appreciate the devastating effects on civilization that the irretrievable loss of public knowledge has.

Up until this point there was no specific outlet to collate and disseminate new laser science and fundamental theory. The *International Journal of Laser Science: Fundamental Theory and Analytical Methods* makes it easier for workers to search, review, reference and publish. This is important because time and again the phrase “Knowledge is power” has proven apposite. Since ancient times through to relatively modern times, variants of the phrase have appeared in Hebrew, Islamic and Christian scriptures, as well as in Persian, Greek, Roman and European texts. The manifestation of the phrase is that scientific knowledge and advancement has provided a large part of the bedrock on which societies around the world have developed over time.

This first issue of the *International Journal of Laser Science: Fundamental Theory and Analytical Methods* is comprised of papers of a level of quality and relevance that it will not be long before this journal is established and makes its mark in terms of positive high scoring metrics. So, in this spirit of

allowing us in our time to afford those now and in the future with the power of knowledge, the editors of the *International Journal of Laser Science: Fundamental Theory and Analytical Methods* look forward to your splendid contributions.

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