

PREFACE

National Institute of Laser Science (NILES) has been one of the growing and distinguished center of excellence in Cairo University, Egypt and the middle east. It was established in 1994, in Cairo University to become a beacon for liberal thought and lay the ground for a comprehensive academic revival in all fields of laser and light knowledge and applications. One of our most important objectives of NILES is to improve future of Egyptian people by being involved in national, regional, and international academic and research activities in laser science and applications. We have been constantly moving in that direction by strengthening our infrastructure, and increase academic activities to create a better professional environment for students, faculty and staff with an ultimate goal of serving the whole community. As one of these efforts, a new scientific research journal “Journal of Laser Science and Applications” JLSA representing NILES and Cairo University is at hand for your readership. This journal aims to be in the junction between academic excellence and the development of the new laser technologies. It gathers a prestigious editorial committee, peer reviewed by international referees, and meets the requirements of periodical publications indexes. JLSA will be published 2 times a year, and is presented in English. Journal of Laser Science and Applications (JLSA) is a published online international periodical for laser scientific and technical community from different disciplines which have the common objective of studying the fundamentals of laser science and relevant developed applications that enhance all the topic aspects experimentally and theoretically. JLSA has introduced itself as a leading international journal in the rapidly distributing and innovating field of laser and light and applications. JLSA mission is to disseminate cutting-edge research, foster innovation, and facilitate cross-disciplinary collaborations in the realm of laser, photonics, and optical sciences. JLSA publishes original high-quality research papers, technical notes, reviews, mini-reviews, and commentaries. This will provide a platform for discussions and collaborations among scientists, engineers, and medical practitioners in laser science and applications.

We welcome contributions from academia, industry, and research institutions worldwide and aim to promote the dissemination of knowledge that drives progress in this dynamic field. The primary objective of all scientific journals is dissemination of scientific knowledge. Scientific publications stimulate thinking and research. It acts as repository and provides permanent record of facts. Launching scientific research-oriented journal is certainly an uphill task. Selection of manuscripts shall be based on originality, clarity of message, relevance to the journal’s mission and importance of the content as well as the subject. Editorial independence of the editors has been assured. Reviewers are supplied with the review parameters. Both the Editorial and Advisory Boards should deserve thanks for their indispensable advice and support during the planning phases of the journal. We should also thank the reviewers who contributed their valuable time to complete reviews within a reasonable time. We truly hope that the diversity contained in this first issue of the journal will be the hallmark of future issues. We invite you to go through the contents of this first issue and we are waiting for your comments and suggestions in order to improve this journal. We invite you to help us by spreading this initiative among your colleagues, and we also invite you to submit papers for publication for our next issues.

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